The 12th AIMS Conference on Dynamical Systems, Differential Equations and Applications

July 5 – July 9, 2018
Taipei, Taiwan

PROGRAM

Organizers:

The American Institute of Mathematical Sciences (AIMS), USA
National Center for Theoretical Sciences (NCTS), Taiwan

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Enrico Valdinoci
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American Institute of Mathematical Sciences

Welcome to the 12th AIMS Conference

As we celebrate the commencement of the AIMS Conference in Taipei on Dynamical Systems, Differential Equations and Applications, it is my pleasure and privilege to welcome you to the meeting.

Mathematical research has become an increasingly more interdisciplinary and interactive international collaboration. With this backdrop, AIMS was created to foster and enhance these interactions among a broad spectrum of mathematicians and scientists in general. The AIMS Conference Series is an integral part of the AIMS services, providing a primary forum and platform for engendering and developing such collaborations. This is the twelfth AIMS Conference and the second in Asia, with around 1,500 scientists and mathematicians participating from 82 countries/regions representing all the continents, making it the largest mathematical conference to ever take place in Taiwan. The AIMS Conference not only generates a sense of pride to the organizers but also renders a seal of approval by the participants.

The Taipei conference features 135 special sessions with a broad and diverse spectrum of topics, organized by research leaders in the fields, Keynote Lectures given by some world-renown mathematicians, poster sessions, and the Best Student Paper Competition. I hope that you will enjoy the outstanding program and take advantage of the opportunity to renew old acquaintances and make new friends. Knowing that you are the whole purpose of all AIMS activities, I would like to express my appreciation for your continuing participation and support.

It is a great pleasure to acknowledge the support of the National Center of Theoretical Sciences of Taiwan, especially its director, Professor Jung-Kai Chen, the National Taiwan University, especially its Department of Mathematics, and the University of North Carolina at Wilmington. I would like to thank the members of the Organizing Committee, especially Professor Jung-Chao Ban and Professor Kuo-Chang Chen. Their great effort and hard work made the conference possible.

I would also like to thank Professor Xin Lu, whose leadership role has been indispensable. Thanks also go to the Program Committee for their tremendous amount of work to schedule about 2,000 talks at the conference.

I hope you will enjoy the conference and have a great time at Taipei.

Sincerely,

Shouchuan Hu
Director of AIMS

From the Local Organizing Committee

Dear Colleagues and Friends,

It is our great pleasure to welcome you to the 12th AIMS Conference on Dynamical Systems, Differential Equations and Applications, which will be held from July 5 to 9, 2018 in Taipei, Taiwan.

The AIMS Conference is a biennial international conference in the field of analysis and applied analysis, including dynamical systems, differential equations, and real-world applications. The AIMS Conference will offer high quality technical activities, including plenary speeches, special sessions, poster sessions and student paper competition. The AIMS Conference was usually attended by over 1200 researches and students from five continents, and proved a great opportunity for participants to discuss recent and prospective advances in research.

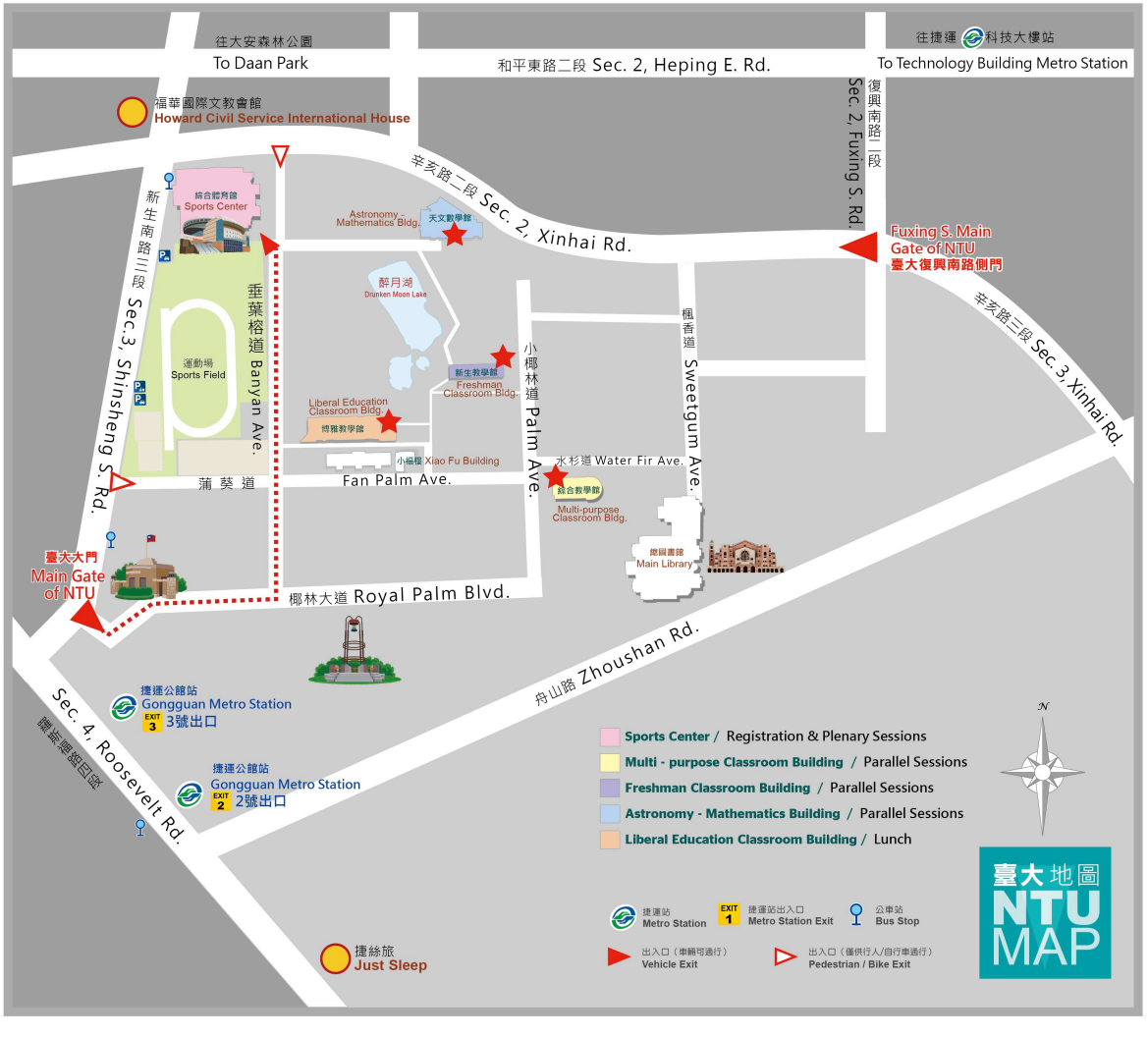
The AIMS Conference will be jointly hosted by the National Center for Theoretical Sciences (NCTS), which is located in the National Taiwan University. NCTS was established on August 1, 1997 by the Ministry of Science and Technology, which has objective to enhance activities of theoretical sciences by bringing together theoretical scientists from abroad and Taiwan. NCTS feels honored to host AIMS Conference and will take this opportunity to promote contacts and future collaborations.

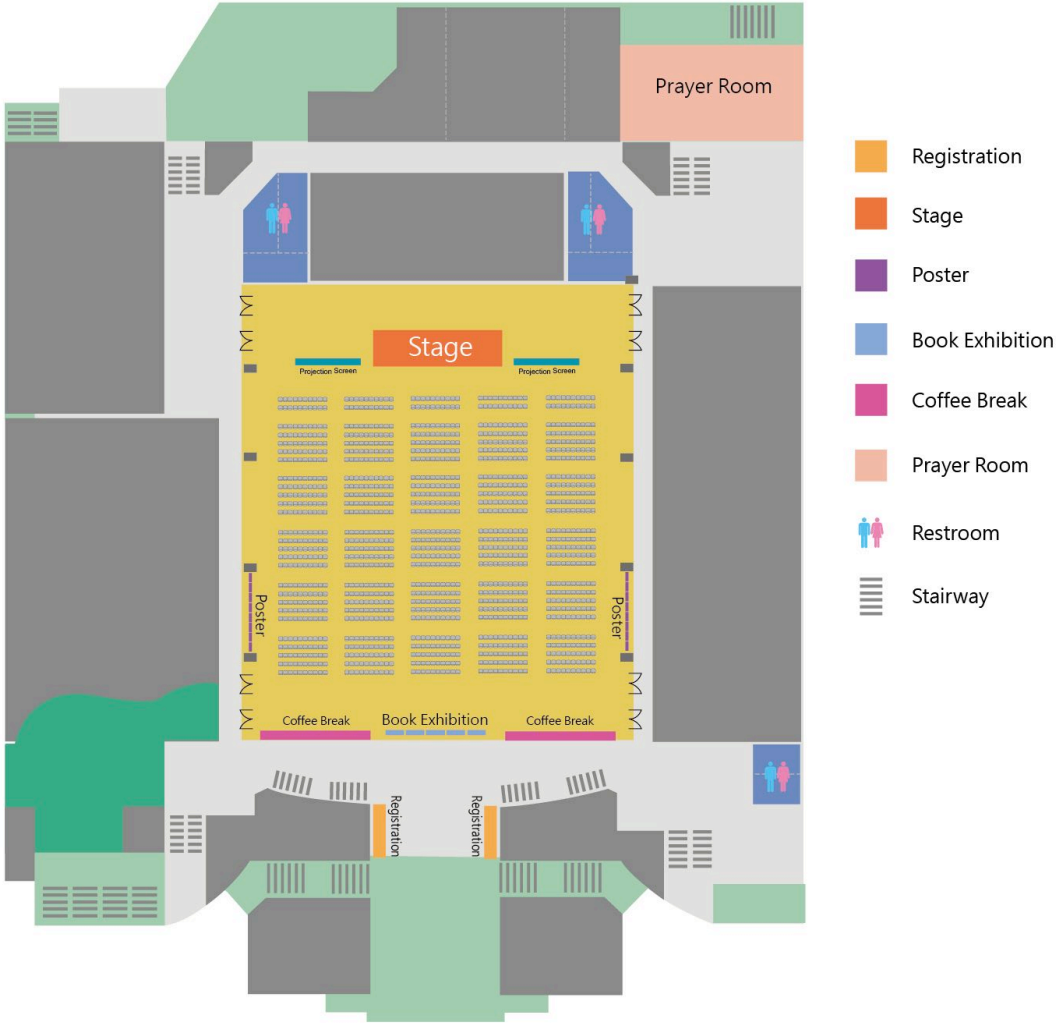
Attending AIMS Conference means you also will experience Taipei, the capital of Taiwan, a beautiful city renowned for its international flavor and inspiring diversity. Taipei is the center of politics, commerce, art and culture of Taiwan, it is also one of the world's top convention cities. We believe that you'll find the world-famous gastronomy, an atmosphere of celebration, and Taiwaness hospitality in Taipei. We also remind that, besides Taipei, dont forget to explore other wonderful cities of Taiwan if you have time.

We thank you for your participation and look forward to seeing you in Taipei, Taiwan.

Sincerely,

Local Organizing Committee
12th AIMS Conference on Dynamical Systems, Differential Equations and Applications


往大安森林公園
To Daan Park
和平東路二段 Sec. 2, Heping E. Rd.
往捷運 科技大樓站
To Technology Building Metro Station
福華國際文教會館
Howard Civil Service International House
復興南路二段 Sec. 2, Fuxing S. Rd.
辛亥路二段 Sec. 2, Xinhai Rd.
Fuxing S. Main Gate of NTU
臺大復興南路側門
新生南路三段 Sec. 3, Shinsheng S. Rd.
綜合體育館 Sports Center
Astronomy - Mathematics Bldg.
天文數學館
醉月湖 Drunken Moon Lake
垂葉榕道 Banyan Ave.
運動場 Sports Field
楓香道 Sweetgum Ave.
小椰林道 Palm Ave.
新生教學館 Freshman Classroom Bldg.
Liberal Education Classroom Bldg.
博雅教學館
小福樓 Xiao Fu Building
水杉道 Water Fir Ave.
Fan Palm Ave.
綜合教學館 Multi-purpose Classroom Bldg.
蒲 葵 道
總圖書館 Main Library
臺大大門 Main Gate of NTU
椰林大道 Royal Palm Blvd.
舟山路 Zhoushan Rd.
捷運公館站 Gongguan Metro Station EXIT 3 3號出口
捷運公館站 Gongguan Metro Station EXIT 2 2號出口
Sec. 4, Roosevelt Rd.
羅斯福路四段
捷絲旅 Just Sleep
Sports Center / Registration & Plenary Sessions
Multi - purpose Classroom Building / Parallel Sessions
Freshman Classroom Building / Parallel Sessions
Astronomy - Mathematics Building / Parallel Sessions
Liberal Education Classroom Building / Lunch
N
捷運站 Metro Station
捷運站出入口 Metro Station Exit
公車站 Bus Stop
出入口（車輛可通行） Vehicle Exit
出入口（僅供行人/自行車通行） Pedestrian / Bike Exit
臺大地圖 NTU MAP


Prayer Room
Stage
Projection Screen
Projection Screen
Poster
Poster
Coffee Break
Book Exhibition
Coffee Break
Registration
Registration
Registration
Stage
Poster
Book Exhibition
Coffee Break
Prayer Room
Restroom
Stairway

Conference Schedule at a Glance

Thursday, July 5	Friday, July 6	Saturday, July 7	Sunday, July 8	Monday, July 9
Beginning at 8:00 Registration	8:00 -- 10:00 Parallel Session 2	8:00 -- 10:00 Parallel Session 5	8:00 -- 10:00 Parallel Session 8	8:00 -- 10:00 Parallel Session 11
10:20 -- 10:40 Opening	10:00 -- 10:20 Coffee Break	10:00 -- 10:20 Coffee Break	10:00 -- 10:20 Coffee Break	10:00 -- 10:20 Coffee Break
10:40 -- 11:30 Dr. Annalisa Buffa	10:20 -- 12:00 Dr. Gang Bao Dr. Natasa Pavlovic	10:20 -- 11:10 Dr. Hirokazu Ninomiya	10:20 -- 12:00 Dr. Chiun-Chuan Chen Dr. Vincent Calvez	10:20 -- 12:00 Dr. Shige Peng Dr. John Ball
11:30 -- 13:00 Lunch Break	12:00 -- 13:30 Lunch Break	11:10 -- 13:00 Lunch Break	12:00 -- 13:30 Lunch Break	12:00 -- 13:30 Lunch Break
		11:10-12:00 Poster Session		
13:00 -- 14:40 Dr. Jean-Michel Coron Dr. Yiming Long	13:30 -- 15:30 Parallel Session 3	13:00 -- 15:00 Parallel Session 6	13:30 -- 15:30 Parallel Session 9	13:30 -- 15:30 Parallel Session 12
14:40 -- 15:00 Coffee Break	15:30 -- 16:00 Coffee Break	15:00 -- 15:30 Coffee Break	15:30 -- 16:00 Coffee Break	15:30 -- 16:00 Coffee Break
15:00 -- 18:30 Parallel Session 1	16:00 -- 18:30 Parallel Session 4	15:30 -- 18:00 Parallel Session 7	16:00 -- 18:30 Parallel Session 10	16:00 -- 18:30 Parallel Session 13
		19:30 -- 21:30 Banquet (optional)		

Master Schedule

ROOMS	Thursday July 5	Friday, July 6			Saturday, July 7			Sunday, July 8			Monday, July 9		
	PS01 (15:00-18:30)	PS02 (08:00-10:00)	PS03 (13:30-15:30)	PS04 (16:00-18:30)	PS05 (08:00-10:00)	PS06 (13:00-15:00)	PS07 (15:30-18:00)	PS08 (08:00-10:00)	PS09 (13:30-15:30)	PS10 (16:00-18:30)	PS11 (08:00-10:00)	PS12 (13:30-15:30)	PS13 (16:00-18:30)
Multipurpose Classroom (MP)													
MP-201	SS41	SS41	SS60	SS60	SS60	SS60	SS29	SS29	SS153	SS153	SS108	SS108	SS108
MP-202	CS02	SS111	SS111	SS111	SS111	S111	SS97	SS97	SS97	SS97			
MP-203	SS54	SS134	SS134	SS134	SS134	CS06	CS04	SS138	SS138	SS138			
MP-301	SS58	SS58	SS58	SS65	SS65	SS65	SS125	SS125	SS125	SS125	SS151	SS151	SS151
MP-302	SS81	CS02	SS147	SS147	SS147	SS22	SS22	SS79	SS79	SS79	SS136	SS136	SS136
MP-401	SS53	SS132	SS132	SS132	SS132	SS132	SS132	SS51	SS51	SS51	SS142	SS142	
MP-402	SS139	SS139	SS139	SS81	SS144	SS144	SS144	SS144	SS154	SS154	SS154	SS154	
MP-403	SS84	SS149	SS84	SS120		SS120	SS120	SS30	SS30	SS105	SS105	SS105	SS105
MP-501	SS143	SS143	SS101	SS101	SS101	SS101	SS101	SS06	SS50	SS50	SS50	SS50	
MP-502	SS149	SS128	SS128	SS128	SS128	SS91	SS91	SS72	SS72	SS72	SS72		
MP-503	SS106	SS106	SS106	SS106	SS57	SS57	SS57	SS10	SS10	SS10	SS33	SS33	SS33
MP-504	SS28	SS28	SS28	SS75	SS75	SS75	SS75	SS34	SS34	SS34			
MP-602	SS13	CS03	SS13	SS13	CS05	SS13	SS13	SS150	SS150	SS52	SS52	SS52	
MP-603	SS35	SS35	SS35	SS145	SS145	SS145	SS122	SS123	SS123	SS155	SS155	SS155	SS155
MP-701	SS15	CS01	SS15	SS15	SS157	SS157	SS157	SS36	SS36	SS36	SS140	SS140	SS140
MP-702	SS63	SS12	SS12	SS12	SS12	SS88	SS88	SS88	SS88	CS03			
Freshman Classroom (FC)													
FC-103	SS17	SS17	SS17	SS17	SS17	SS17	SS17	SS126	SS126	SS126	SS126	SS126	SS126
FC-201	SS156	SS03	SS03	SS03	SS77	SS77	SS77	SS95	SS95	SS95	SS95	SS95	
FC-202	SS69	SS69	SS69	SS69	SS69	SS69	SS26	SS26	SS26	SS26			
FC-203	SS18	SS18	SS18	SS18	SS18	SS18	SS18	SS18	SS11	SS11	SS11	SS11	SS11
FC-204	SS24	SS24	SS24	SS49	SS49	SS49	SS49	SS49	SS49	SS49	SS01	SS01	SS01
FC-301	SS56	SS56	SS56	SS56	SS137	SS137	SS137	SS99	SS99	SS99			
FC-302	SS25	SS25	SS25	SS20	SS20	SS20	SS20	SS08	SS08	SS08	SS83	SS83	SS83
FC-303	SS16	SS09	SS09	SS09	SS09	SS09	SS16	SS16	SS16	SS16	SS16		
FC-304		SS89	SS89	SS89	SS89	SS89	SS127	SS127	SS127	SS80	SS80	SS80	SS80
FC-401	SS61	SS61	SS61	SS61	SS78	SS78	SS78	SS78	SS71	SS71			
FC-402	SS121	SS121	SS121	SS37	SS37	SS37	SS37	SS11	CS02	CS02	SS59	SS59	
FC-403	SS109	SS109	SS70	SS70	SS70	SS70	SS70	SS55	SS55	SS55	SS55		
FC-404	SS141	SS141	SS141	SS141	SS66	SS66	SS66	SS66	SS62	SS62	SS103	SS103	SS103
FC-405	SS04	SS04	SS05	SS05	SS02	SS02	SS02	SS117	SS117	SS117	SS117		
FC-501	SS146	SS146	SS146	SS146	SS93	SS93	SS93	SS93	CS01	CS01			
FC-502	SS148	SS148	SS148	SS148	SS102	SS102	SS102	SS102	SS116	SS116	SS86	SS86	
FC-503	SS82	SS82	SS82	SS27	SS94	SS94	SS27	SS96	SS96	SS74	SS74	SS74	SS74
FC-504	SS48	SS48	SS48	SS64	SS64	SS64	SS64	SS32	SS32	SS32	SS32		
FC-505	SS47	SS47	SS47	SS100	SS100	SS100	SS100	SS100	SS100	SS07	SS07	SS07	SS07
Astronomy-Mathematics (AM)													
AM-102	SS131	SS131	SS131	SS131	SS130	SS130	SS130	SS130	SS92	SS92			
AM-202	SS73	SS73	SS73	SS73	SS104	SS104	SS104	SS31	SS31	SS31			
AM-302	SS68	SS68	SS68	SS107	SS107	SS107	SS14	SS14	SS14	SS14			
AM-304	SS38	SS38	SS42	SS42	SS46	SS46	CS03		SS114	SS114			
AM-305	SS23	SS23	SS23	SS23	SS23	SS23	SS45	SS45	SS45	SS45			

Meeting Rooms for Special Sessions

SS 01	Mathematical Models and Methods in Materials Science	FC-204
SS 02	Control of Partial Differential Equations	FC-405
SS 03	Recent Trends in Mathematical Finance	FC-201
SS 04	Dynamical Systems and Variational Methods	FC-405
SS 05	Recent Advances in Inverse Problems	FC-405
SS 06	Ergodic-Theoretical Techniques in Partial Differential Equations	MP-501
SS 07	Recent Trends and Progress in Mathematical Fluid Dynamics	FC-505
SS 08	Propagation Phenomena in Reaction-Diffusion Systems	FC-302
SS 09	Nonlinear Evolution PDEs, Interfaces and Applications	FC-303
SS 10	Nonlocal Nonlinear Partial Differential Equations and Applications	MP-503
SS 11	Dynamical System Modeling for Ecological Effects and Evolution of Dispersal in Biological Systems	FC-203, FC-402
SS 12	Numerical Methods for Phase Field Models	MP-702
SS 13	Measurable and Topological Dynamics	MP-602
SS 14	Topological Nonlinear Analysis and Applications	AM-302
SS 15	Analysis of Evolutionary Systems of Partial Differential Equations for Complex Materials	MP-701
SS 16	Stochastic Modeling in Biology, Phase Transitions and Fluid Dynamics: Theory and Approximation	FC-303
SS 17	Nonlinear Elliptic and Parabolic Problems	FC-103
SS 18	Emergence and Dynamics of Patterns in Nonlinear Partial Differential Equations and Related Fields	FC-203
SS 20	Attractors and Their Applications	FC-302
SS 22	Regularity of PDE	MP-302
SS 23	Stochastic Partial Differential Equations	AM-305
SS 24	Nonlinear Dispersive Waves	FC-204
SS 25	Celestial Mechanics and N-Body Problem	FC-302
SS 26	Recent Trends in Navier-Stokes Equations, Euler Equations and Related Problems	FC-202
SS 27	Geometry and Dynamics	FC-503
SS 28	Patterns, Traveling Wave Solutions and Symbolic Dynamics	MP-504
SS 29	Nonlinear Evolution Equations and Related Topics	MP-201
SS 30	Mathematical Modeling and Computation in Systems and Quantitative Biology	MP-403
SS 31	Dissipative Systems and Applications	AM-202
SS 32	Control and Optimization: New Developments and Applications	FC-504
SS 33	Dynamics of Parabolic Type Equations in Life Sciences and Physics	MP-503
SS 34	Modeling and Computational Methods for Dynamics on Networks and Their Applications	MP-504
SS 35	Evolutions of Single and Set-Valued Dynamical Systems and Their Applications	MP-603
SS 36	Analytical and Numerical Approaches in Soliton Theory	MP-701
SS 37	Nonlinear PDEs Modeling Fluid Dynamics	FC-402
SS 38	Harmonic Analysis and Partial Differential Equations	AM-304
SS 41	Revealing the Mathematical Complexity of Cell Migration and Pattern Formation: From Modelling to Applications	MP-201
SS 42	Dynamical Systems on Ecology, Epidemiology and Immunology	AM-304
SS 45	Randomness Meets Life	AM-305
SS 46	Dynamical Systems With Applications to Population Biology	AM-304
SS 47	Bifurcations and Asymptotic Analysis of Solutions of Nonlinear Models	FC-505
SS 48	Nonlinear Water Waves	FC-504
SS 49	Integrable Systems and Their Applications	FC-204

SS 50	Recent Advances of Differential Equations With Applications in Life Sciences	MP-501
SS 51	Recent Developments in Conservation Laws and Related Topics	MP-401
SS 52	Recent Progress in Nonlinear Dispersive PDE	MP-602
SS 53	The Movement of Infectious Disease	MP-401
SS 54	Application of Ordinary Differential Equations in Medicine and Biology	MP-203
SS 55	Advances in Analysis and Geometry of Nonlinear Waves and Integrable Systems	FC-403
SS 56	Analysis of Chemotaxis Models	FC-301
SS 57	Parabolic-Hyperbolic Coupled Partial Differential Equations	MP-503
SS 58	Geometric and Nonlinear PDEs	MP-301
SS 59	Efficient Algorithms for Flow and Transport in Porous Media	FC-402
SS 60	Recent Trends in Nonlocal Nonlinear PDEs	MP-201
SS 61	Stochastic Filtering, Optimal Control, and Their Applications	FC-401
SS 62	Asymptotic Behavior in Nonlinear Elliptic and Parabolic Problems	FC-404
SS 63	Theoretical and Numerical Aspects of Mathematical Geophysical Dynamics	MP-702
SS 64	Delay Equations in Population Dynamics	FC-504
SS 65	Propagation Dynamics in Nonlinear Evolution Systems	MP-301
SS 66	Nonlinear and Nonlocal Evolution PDEs	FC-404
SS 68	Viscosity Solutions: Beyond the Well-Posedness Theory	AM-302
SS 69	Global or/and Blowup Solutions for Nonlinear Evolution Equations and Their Applications	FC-202
SS 70	Lie Symmetries, Conservation Laws and Other Approaches in Solving Nonlinear Differential Equations	FC-403
SS 71	Qualitative Properties of Solutions to Local and Nonlocal Problems	FC-401
SS 72	Recent Developments in Problems of Fluid Mechanics	MP-502
SS 73	Dynamics of Ordinary Differential Equations	AM-202
SS 74	Perturbation Techniques in Stochastic Analysis and Its Applications	FC-503
SS 75	Mathematics and Materials: Models and Applications	MP-504
SS 77	Advances in Mathematical Modelling and Numerical Simulation of Superfluids	FC-201
SS 78	Advances in Qualitative Theory of Differential, Difference and Dynamic Equations	FC-401
SS 79	Monte Carlo Methods	MP-302
SS 80	Modern Topics in Nonlinear PDEs and Applications	FC-304
SS 81	Stochastic Systems, SDEs/SPDEs, and Games With Numerics and Applications	MP-302, MP-402
SS 82	Recent Advance in Differential Equations With Applications to Biology, Ecology and Epidemiology	FC-503
SS 83	Recent Advances in the Analysis of Nonlinear Phenomena	FC-302
SS 84	Analysis of Mathematical Modeling Arising From Population Biology	MP-403
SS 86	Recent Advances in Mathematical Modeling in Health and Disease	FC-502
SS 88	Geometric Analysis	MP-702
SS 89	Advances in Analysis of Mathematical Problems Arising From Materials and Biological Science	FC-304

SS 91	Recent Advances in Mathematical Biology, Ecology, Epidemiology, and Oncology	MP-502
SS 92	Dynamics of Fluids and Nonlinear Waves	AM-102
SS 93	Recent Trends in Nonlinear PDEs	FC-501
SS 94	Fluid-Structure Interactions in Medicine and Biology: Modeling, Analysis, and Experiments	FC-503
SS 95	Kinetic and Related Equations: Collisions, Mean Field, and Organized Motion	FC-201
SS 96	Quantization in Stochastic, Fuzzy System and Nonstandard Analysis	FC-503
SS 97	Analysis and Dynamics on Boundaries of Manifolds and Related Topics	MP-202
SS 99	Problems and Challenges in Financial Engineering and Risk Managment	FC-301
SS 100	Models and Numerical Methods in Kinetic Theory	FC-505
SS 101	Structure of Solutions for Nonlinear Elliptic Equations	MP-501
SS 102	Asymptotics for Nonlinear Diffusion Equations and Related Topics	FC-502
SS 103	Recent Advances in Numerical Methods for Parital Differential Equations	FC-404
SS 104	Recent Advances and Applications of Differential Equations	AM-202
SS 105	Nonlinear Functional Analysis and Its Applications to Nonlinear Elliptic Equations/Fractional Laplacian Equations/Integral Equations	MP-403
SS 106	Variational Methods and Nonlinear Partial Differential Equations	MP-503
SS 107	Optimal Control and Differential Games: Recent Developments in Theory and Applications	AM-302
SS 108	Water Waves and Other Dispersive Phenomena	MP-201
SS 109	Multiscale Methods for Highly Oscillatory Partial Differential Equations	FC-403
SS 111	Nonlinear Evolution Equations	MP-202
SS 114	Electrodiffusion and Ion Channel Problems: Modeling, Analysis, and Numerics	AM-304
SS 116	Recent Advances on Numerical Methods and Applications of Phase-Field Methods	FC-502
SS 117	Propagation Phenomena and Nonlinear Free Boundary Problems	FC-405
SS 120	New Developments in the Variational Analysis of Elastic and Complex Media	MP-403
SS 121	Stability of Solitary Waves in Nonlinear PDEs	FC-402
SS 122	Partial Differential Equations Encircling Geometric Structures : Riemannian Geometry (Ricci and Scalar Curvature), CR Geometry and Complex Geometry	MP-603
SS 123	Asymptotic Theory in Probability and Statistical Physics	MP-603

SS 125	Theoretical and Numerical Advances in Classical and Geophysical Fluid Dynamics	MP-301
SS 126	Ergodic Theory and Dynamical Systems	FC-103
SS 127	Dynamical Aspects of Diffusive Systems	FC-304
SS 128	Recent Advances in the Calculus of Variations and Elliptic PDE	MP-502
SS 130	Theoretical and Computational Analysis on Differential Equation Models	AM-102
SS 131	Mean Field Games and Applications	AM-102
SS 132	Qualitative and Quantitative Techniques for Differential Equations Arising in Economics, Finance and Natural Sciences	MP-401
SS 134	Recent Advances on Structure and Property-Preserving Numerical Approximations to PDEs	MP-203
SS 136	PDEs From Mathematical Physics and Geometry	MP-302
SS 137	Analysis of Nonlinear Flows	FC-301
SS 138	Qualitative and Quantitative Properties of Quasilinear Elliptic and Parabolic Equations and Systems	MP-203
SS 139	Nonlinear Dynamics: Attractors, Patterns and Applications	MP-402
SS 140	Classical and Geophysical Fluid Dynamics: Modeling, Analysis and Reduction	MP-701
SS 141	Integrable Peakon Equations and Related Topics	FC-404
SS 142	Differential Equation Based Modeling for Brain and Other Complex Bio-Systems	MP-401
SS 143	Analytic and Numerical Approaches for Understanding Complex Systems	MP-501
SS 144	Analytic Properties and Numerical Approximation of Differential Models Arising in Applications	MP-402
SS 145	Numerical Methods Involving Implicit or Non Parametric Interfaces, and Point Clouds	MP-603
SS 146	Recent Developments in Stochastic Analysis, Stochastic Control and Related Fields	FC-501
SS 147	Structure Preserving Numerical Methods	MP-302
SS 148	Intersections in Probability and Nonlinear PDEs	FC-502
SS 149	Analytic Approaches on Qualitative Properties of Solutions of PDE	MP-403, MP-502
SS 150	Eigenvalues of Elliptic Operators and Their Applications	MP-602
SS 151	Nonlinear Elliptic and Parabolic Problems in Mathematical Physics and Related Topics	MP-301
SS 153	Mathematical Foundations of Computing	MP-203
SS 154	Analysis and Simulation of Equations for Multiscale Physics	MP-402
SS 155	Numerical Methods for Functional Equations	MP-603
SS 156	Dynamics, Control and Unpredictability in Physical and Biophysical Systems	FC-201
SS 157	Recent Trends in Stochastic Analysis and Its Applications to Physics and Finance	MP-701

Meeting Rooms for Other Sessions

Contributed Sessions

CS 1	ODEs and Applications	MP-701, FC-501
CS 2	PDEs and Application	MP-202, MP-302, FC-402
CS 3	Modeling, Math Biology and Math Finance	MP-602, MP-702, AM-304
CS 4	Control and Optimization	MP-203
CS 5	Scientific Computation and Numerical Algorithms	MP-602
CS 6	Bifurcation and Chaotic Dynamics	MP-203

Poster Session Sports Center

Invited Plenary Lectures Sports Center

Student Paper Competition Session MP-601

Invited Plenary Lectures

Thursday, July 5 — Sports Center

10:40-11:30	**Annalisa Buffa** (CNR-IMATI: PAVIA, Italy) Numerical Methods for PDEs: Old and New Challenges	Abstracts p. 2

Chair: **Wei-Ming Ni**

13:00-13:50	**Jean-Michel Coron** (Université Pierre et Marie Curie, France) How the Nonlinearities can be Used to Control a System	Abstracts p. 3
13:50-14:40	**Yiming Long** (Nankai University) Closed Geodesics on Compact Finsler Manifolds	Abstracts p. 4

Chair: **Alain Miranville**

Friday, July 6

10:20-11:10	**Gang Bao** (Zhejiang University, Peoples Rep of China) Recent Developments of Inverse Scattering Problems in Wave Propagation	Abstracts p. 1
11:10-12:00	**Natasa Pavlovic** (The University of Texas at Austin, USA) Back and Forth from Quantum Many Particle Systems to Nonlinear PDE, and Applications to Kinetic Equations	Abstracts p. 5

Chair: **Sarka Necasova**

Saturday, July 7

10:20-11:10	**Hirokazu Ninomiya** (Meiji University, Japan) Propoagation Phenomena in Reaction-Diffusion Systems	Abstracts p. 4

Chair: **Kuo-Chang Chen**

Sunday, July 8

10:20-11:10	**Chiun-Chuan Chen** (National Taiwan University) Travelling Wave Solutions of the 3-species Lotka-Volterra Competition System with Diffusion	Abstracts p. 3
11:10-12:00	**Vincent Calvez** (Institut Camille Jordan) Mesoscopic Models for Propogation in Biology	Abstracts p. 2

Chair: **Danielle Hilhorst**

Monday, July 9

10:20-11:10	**Shige Peng** (Shandon University, Peoples Rep of China) Theoretical Study of Nonlinear Expectations and Applications to Data Sequences with Essential Uncertainty of Probability Distributions	Abstracts p. 6
11:10-12:00	**John Ball** (University of Oxford, United Kingdom) Mathematical Models of Liquid Crystals	Abstracts p. 1

Chair: **Jerry Bona**

Student Paper Competition

Friday, July 6 MP-601

13:30-13:50	**Ibrahim Almuslimani** (University of Geneva, Switzerland) Optimal Explicit Stabilized Integrator of Weak Order One for Stiff and Ergodic Stochastic Differential Equations
13:50-14:10	**Matthew Rosenzweig** (University of Texas at Austin, USA) Global Well-Posedness and Scattering for the Davey-Stewartson System at Critical Regularity
14:10-14:30	**Ioakeim Ampatzoglou** (University of Texas at Austin, USA) A Rigorous Derivation of a Cubic Boltzmann-Type Equation for a Classical System of Hard-Spheres
14:30-14:50	**Michal Bathory** (Charles University, Czech Republic) Identification of Outflow Boundary Conditions on Artificial Boundaries Leading to the Smallest Dissipation
14:50-15:10	**Duc-Lam Duong** (University of Sussex, United Kingdom) Solitary Waves for a Coupled System of Quadratic Nonlinear Schroedinger Equations
15:10-15:30	**Andrea Giorgini** (Politecnico di Milano, Italy) Global Well-Posedness of Strong Solution to the Cahn-Hilliard-Hele-Shaw System with Unmatched Viscosities
16:00-16:20	**Takanori Kuroda** (Waseda University, Japan) Local Well-Posedness of the Complex Ginzburg-Landau Equation in General Domains Based on the Theory of Parabolic Equations
16:20-16:40	**Hung Nguyen** (Tulane University, USA) The Generalized Langevin Equation with Power-Law Memory in a Nonlinear Potential Well
16:40-17:00	**Simon Plazotta** (Technische Universitaet Muenchen, Germany) A BDF2-Approach for the Non-Linear Fokker-Planck Equation
17:00-17:20	**Xianjin Yang** (King Abdullah University of Science and Technology, Saudi Arabia) Hessian Riemannian Flows for Effective Hamiltonians and Mather Measures

Special Session **4**	**Dynamical Systems and Variational Methods** Organizer(s): Yiming Long, Chao-Nien Chen, Huagui Duan	**FC-405**
15:00-15:30	**Kuo-Chang Chen (National Tsing Hua University, Taiwan)** Variational Nature of Keplerian Orbits	Abstracts p. 15
15:30-16:00	**Shanzhong Sun (Capital Normal University, Peoples Rep of China)** Dynamical Problems Inspired by Semi-Classical Approximation	Abstracts p. 16
16:00-16:30	**Duanzhi Zhang (Nankai University, Peoples Rep of China)** I_{L_0} Index Theory and Brake Orbits on Tori	Abstracts p. 16
17:00-17:30	**Wei Wang (Peking University, Peoples Rep of China)** Closed Orbits in Nonlinear Hamiltonian Systems	Abstracts p. 16
17:30-18:00	**Hui Liu (Wuhan University, Peoples Rep of China)** Resonance Identities of Closed Orbits in Hamiltonian Dynamics and Applications	Abstracts p. 432
18:00-18:30	**Huagui Duan (Nankai University, Peoples Rep of China)** Closed Geodesics on Compact Simply-Connected Finsler Manifolds	Abstracts p. 15

Special Session **13**	**Measurable and Topological Dynamics** Organizer(s): Yonatan Gutman, Hitoshi Nakada, Kyewon Koh Park, Xiangdong Ye	**MP-602**
16:00-16:30	**Wolfgang Krieger (University of Heidelberg, Germany)** Families of Directed Graphs and Topological Conjugacy of the Associated Markov-Dyck Shifts	Abstracts p. 43
16:30-17:00	**Sanghoon Kwon (Catholic Kwandong University, Korea)** Effective Uniqueness of Entropy-Maximizing Measure of Geodesic Flows on Graphs	Abstracts p. 43
17:00-17:30	**Rie Natsui (Japan Women's University, Japan)** On the Construction of the Natural Extensions of the Nearest Integer Complex Continued Fraction Maps	Abstracts p. 44
17:30-18:00	**Nhan Phu Chung (Sungkyunkwan University, Korea)** Rigidity of Group Actions	Abstracts p. 42
18:00-18:30	**Yi-Chiuan Chen (Academia Sinica, Taiwan)** A Note on Holomorphic Shadowing for Henon Maps	Abstracts p. 42

Special Session **15**	**Analysis of Evolutionary Systems of Partial Differential Equations for Complex Materials** Organizer(s): Anja Schlömerkemper, Sarka Necasova, Arghir Zarnescu	**MP-701**
15:00-15:30	**Tai-Chia Lin (National Taiwan University, Taiwan)** A New Class of Approximate Lennard-Jones Potentials	Abstracts p. 50
15:30-16:00	**Annie A. Raoult (Université Paris Descartes, France)** Asymptotic Analysis of Discrete Energies with Angular Terms	Abstracts p. 51
16:00-16:30	**Frederic Legoll (Ecole des Ponts, France)** Approximating the Fluctuations in Random Heterogeneous Problems	Abstracts p. 50
16:30-17:00	**Christina Lienstromberg (Leibniz University Hannover, Germany)** On Positivity of Solutions to Microelectromechanical Systems with General Permittivity Profile	Abstracts p. 50
17:00-17:30	**Miha Ravnik (University of Ljubljana, Slovenia)** Topological Defect Structures in Nematic Complex Fluids	Abstracts p. 448
17:30-18:00	**Anja Schlömerkemper (University of Würzburg, Germany)** On an Evolutionary Model for Magnetoelasticity in Eulerian Description - Existence of Weak Solutions	Abstracts p. 51
18:00-18:30	**Chun Liu (Illinois Institute of Technology, USA)** Thermal Effects for Liquid Crystal Materials	Abstracts p. 430

Special Session **16**	**Stochastic Modeling in Biology, Phase Transitions and Fluid Dynamics: Theory and Approximation** Organizer(s): Tadahisa Funaki, Danielle Hilhorst, Roger Temam	**FC-303**
15:00-15:30	**Hirofumi Osada (Kyushu University, Japan)** Diffusion in Coulomb Environment and A Phase Transition	Abstracts p. 56
15:30-16:00	**Yunshyong Y. Chow (Academia Sinica, Taiwan)** Some Results on Leslie-Gower Competition Models	Abstracts p. 53
16:00-16:30	**Yukio Nagahata (Niigata University, Japan)** On Scaling Limit of a Cost in Adhoc Network Model	Abstracts p. 445
16:30-17:00	**Makiko Sasada (The University of Tokyo, Japan)** On the Green-Kubo Formula and The Gradient Condition on Currents	Abstracts p. 56
17:00-17:30	**Michael Roeckner (Bielefeld University, Germany)** Variational Solutions to Nonlinear Stochastic Differential Equations in Hilbert Spaces	Abstracts p. 56
17:30-18:00	**Jinqiao Duan (Huazhong University of Science and Technology, Peoples Rep of China)** Geometrical Methods for Stochastic Dynamics	Abstracts p. 53
18:00-18:30	**Yayun Zheng (Huazhong University of Science and Technology, Peoples Rep of China)** Transitions in a Genetic Transcriptional Regulatory System Under Lévy Motion	Abstracts p. 57

Special Session **17**	**Nonlinear Elliptic and Parabolic Problems** Organizer(s): Sze-Bi Hsu, Julian Lopez-Gomez	**FC-103**
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15:30-16:00	**Tetsuya Yamada (National Institute of Technology, Fukui College, Japan)** Global Existence of Solutions to the Cauchy Problem for an Attraction–Repulsion Chemotaxis System in Two Dimensions in the Attractive Dominant Case	Abstracts p. 63
16:00-16:30	**Luis Maire (Rey Juan Carlos University, Spain)** Uniqueness and Multiplicity of Large Solutions	Abstracts p. 61
16:30-17:00	**Ting-Ying Chang (Monash University, Australia)** Singular Solutions of Weighted Divergence-Form Equations	Abstracts p. 59
17:00-17:30	**Hsin-Yuan Huang (National Chiao-Tung University, Taiwan)** Existence of Bubbling Solutions for the Liouville System	Abstracts p. 61
17:30-18:00	**Kazuhiro Takimoto (Hiroshima University, Japan)** Some Removability Results for K-Hessian Equation and K-Curvature Equation	Abstracts p. 62
18:00-18:30	**Je-Chiang Tsai (National Tsing Hua University, Taiwan)** Longtime Behavior of Solutions of a SIS Epidemiological Mode	Abstracts p. 63

Special Session **18**	**Emergence and Dynamics of Patterns in Nonlinear Partial Differential Equations and Related Fields** Organizer(s): Danielle Hilhorst, Yoshihisa Morita, Junping Shi	**FC-203**
15:00-15:30	**Nir Gavish (Technion, Israel)** Pattern Formation in High-Order PNP-Type Systems	Abstracts p. 66
15:30-16:00	**Kanako Suzuki (Ibaraki University, Japan)** Bounded and Unbounded Spatial Patterns to Some Reaction-Diffusion-ODE Systems	Abstracts p. 70
16:00-16:30	**Necibe Tuncer (Florida Atlantic University, USA)** Structural and Practical Identifiability Analysis of Zika Epidemiological Models	Abstracts p. 71
16:30-17:00	**Hiroshi Matano (Meiji University, Japan)** Generation of Interface for Solutions of the Mass Conserved Allen–Cahn Equation	Abstracts p. 68
17:00-17:30	**Hirofumi Izuhara (University of Miyazaki, Japan)** On a Nonlocal System for Vegetation in Drylands	Abstracts p. 67
17:30-18:00	**Fengqi Yi (Harbin Engineering University, Peoples Rep of China)** Dynamical Behaviors of a Reaction-Diffusion SIR Epidemic Model Describing the Population Dynamics of Fox Rabies	Abstracts p. 72

Special Session **23**	**Stochastic Partial Differential Equations** Organizer(s): Benjamin Gess, Michael Röckner	**AM-305**
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15:30-16:00	**Beniamin Goldys (Sydney University, Australia)** Parabolic Partial Differential Equations with Rough Dirichlet Boundary Conditions	Abstracts p. 79
16:00-16:30	**Scott Smith (Max Planck Institute Leipzig, Germany)** Parabolic Equations with Rough Coefficients and Singular Forcing	Abstracts p. 81
16:30-17:00	**Dirk Blömker (Universität Augsburg, Germany)** Modulation Equations for SPDEs on Unbounded Domains	Abstracts p. 78
17:00-17:30	**Marco Romito (Universitá di Pisa, Italy)** Fluctuations for Point-Vortex Models	Abstracts p. 81
17:30-18:00	**Konstantinos Dareiotis (Max Planck Institute, MIS, Germany)** Entropy Solutions for Stochastic Porous Media Equations	Abstracts p. 78
18:00-18:30	**Martina Hofmanova (University Bielefeld, Germany)** Global Solutions to Elliptic and Parabolic Φ^4 Models in Euclidean Space	Abstracts p. 80

Special Session **24**	**Nonlinear Dispersive Waves** Organizer(s): J. Bona, Hongqiu Chen, Min Chen, S.M. Sun	**FC-204**
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15:30-16:00	**Lionel Rosier (MINES ParisTech, France)** Control of a Boussinesq System of KdV-KdV Type on a Bounded Interval	Abstracts p. 84
16:00-16:30	**Colette Guillopé (Université Paris-Est Créteil, France)** Propagation of Long-Crested Water Waves	Abstracts p. 83
16:30-17:00	**Dag Nilsson (Lund University, Sweden)** Three-Dimensional Internal Waves	Abstracts p. 84
17:00-17:30	**Shu-Ming Sun (Virginia Tech, USA)** Capillary-Gravity Surface Waves on Water of Finite Depth with Small Surface Tension	Abstracts p. 84
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18:00-18:30	**Deqin Zhou (Chongqing University, Peoples Rep of China)** Nonhomogeneous Initial Boundary Value Problems of the Fifth-Order KdV Equations Posed on a Bounded Domain	Abstracts p. 84

Special Session **25**	**Celestial Mechanics and N-Body Problem** Organizer(s): Kuo-Chang Chen, Mitsuru Shibayama	**FC-302**
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16:00-16:30	**Hiroaki Yoshimura (Waseda University, Japan)** Design of Low Energy Earth-Moon Transfers in the 4-Body System	Abstracts p. 87
16:30-17:00	**Masaya M. Saito (The Institute of Statistical Mathematics, Japan)** Orbital Elements Distribution of the Invariant Manifolds Associated to the Lyapunov Family of Periodic Orbits Around L_1 and L_2	Abstracts p. 86
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17:00-17:30	**Wen-Guei Hu (Sichuan University, Taiwan)** Zeta Functions for Two-Dimensional Finite-To-One Sofic Shifts	Abstracts p. 95
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18:00-18:30	**Jui-Pin Tseng (Chengchi University, Taiwan)** Approximate Synchronization in Coupled Systems	Abstracts p. 95

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16:30-17:00	**Anna Ochal (Jagiellonian University in Krakow, Poland)** Evolution Hemivariational Inequalities with History-Dependent Operators and Their Applications	Abstracts p. 114
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17:30-18:00	**Shengda Zeng (Jagiellonian University, Poland)** A Class of Fractional Differential Hemivariational Inequalities with Application to Contact Problem	Abstracts p. 115
18:00-18:30	**Krzysztof J. Bartosz (Jagiellonian University, Poland)** Numerical Analysis for a Class of Dynamic Variational Inequalities Involving Clarke Subdifferential	Abstracts p. 113

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15:30-16:00	**Joan M. Verdera (Universitat Autònoma de Barcelona, Spain)** Two Theorems on Vortex Patches	Abstracts p. 123
16:00-16:30	**Arkady Poliakovsky (Ben-Gurion University of the Negev, Beer-Sheva, Israel)** Jump Detection in Besov Spaces Via a New BBM Formula. Applications to Aviles-Giga-Type Functionals	Abstracts p. 122
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17:30-18:00	**Chun-Yen Shen (National Taiwan University, Taiwan)** Two Weight T1 and Tb Theorems for the Hilbert Transform	Abstracts p. 123

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16:00-16:30	**Necibe Tuncer (Florida Atlantic University, USA)** Coupling Surface Finite Elements with Stokes' Elements in Modeling Cell Blebbing	Abstracts p. 126
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17:00-17:30	**Nikos Kavallaris (University of Chester, England)** A Non-Local Problem Describing Pattern Formation for the Shadow System of the Gierer-Meinhardt System on an Evolving Domain	Abstracts p. 125
17:30-18:00	**Fred J. Vermolen (Delft University of Technology, Netherlands)** Cell-Based Modelling in Cancer and Wound Contraction	Abstracts p. 126
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17:00-17:30	**Tatsuki Mori (Osaka University, Japan)** Existence, Nonexistence, Multiplicity, and Numerical Stability of Solutions for the SKT Cross-Diffusion Stationary Limiting Equation	Abstracts p. 136
17:30-18:00	**Maho Endo (Waseda University, Japan)** Asymptotic Behavior of Solutions to Nonlinear Diffusion Problems with Dirichlet and Free Boundary Conditions	Abstracts p. 135
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15:30-16:00	**Olivier Kimmoun (IRPHE / Ecole Centrale Marseille, France)** Dispersive Shock Water Waves. Experiments and Numerical Comparisons	Abstracts p. 140
16:00-16:30	**Wei-Ying Wong (National Chung Hsing University, Taiwan)** Investigation on Velocity and Acceleration Characteristics of Undular Bore Traveling Over a Mild Beach	Abstracts p. 141
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18:00-18:30	**Hung-Chu Hsu (National Cheng Kung University, Taiwan)** Particle Trajectory in the Wave-Current Interaction	Abstracts p. 139

Special Session **53**	**The Movement of Infectious Disease** Organizer(s): Chengjun Sun, Jane Heffernan, Yongli Song	**MP-401**
15:00-15:30	**Hiroshi Nishiura (Hokkaido University, Japan)** Ascertaining the End of Ebola Virus Disease Epidemic	Abstracts p. 445
15:30-16:00	**Daozhou Gao (Shanghai Normal University, Peoples Rep of China)** Travel Frequency and Infectious Disease	Abstracts p. 154
16:30-17:00	**Chengjun Sun (Kunming University of Science and Technology, Peoples Rep of China)** Dynamics of Mosquito Populations Incorporating Pulse Release of Genetically Modified Mosquitoes	Abstracts p. 154

Special Session **54**	**Application of Ordinary Differential Equations in Medicine and Biology** Organizer(s): Beata Jackowska-Zduniak, Urszula Forys	**MP-203**
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15:30-16:00	**Qing Tang (China University of Geosciences (Wuhan), Peoples Rep of China)** Optimal Control of Time-Fractional Keller-Segel Equations	Abstracts p. 156
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16:30-17:00	**Imran Naeem (Lahore University of Management Sciences, Pakistan)** The Artificial Hamiltonian, First Integrals, and Closed-Form Solutions of Dynamical Systems for Epidemics	Abstracts p. 155
17:00-17:30	**Monika J. Piotrowska (University of Warsaw, Poland)** Modelling of Inter-Hospital Transmission of Multidrug-Resistant Pathogens	Abstracts p. 155
17:30-18:00	**Urszula Forys (University of Warsaw, Poland)** Modeling of Heterogeneous Tumor Growth - How to Avoid ACR	Abstracts p. 155
18:00-18:30	**Beata Jackowska-Zduniak (Warsaw University of Life Sciences, Poland)** A Comparison of Deterministic Vs Stochastic Simulation Models for Early Stage Cancer Under the Influence of Therapy	Abstracts p. 155

Special Session **56**	**Analysis of Chemotaxis Models** Organizer(s): Johannes Lankeit, Tian Xiang	**FC-301**
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16:00-16:30	**Rafael Granero Belinchon (Universidad de Cantabria, Spain)** On a Parabolic-Hyperbolic Keller-Segel System	Abstracts p. 161
16:30-17:00	**Kentarou Fujie (Tokyo University of Science, Japan)** New Lyapunov-Like Functional of 1D Quasilinear Parabolic Chemotaxis System and Its Application	Abstracts p. 161
17:00-17:30	**Marcel Freitag (Universitaet Paderborn, Germany)** Global Solutions to a Higher-Dimensional Chemotaxis System Related to Crime Modelling	Abstracts p. 160
17:30-18:00	**Yao Yao (Georgia Institute of Technology, USA)** Long Time Behavior of Solutions to the 2D Keller-Segel Equation with Degenerate Diffusion	Abstracts p. 162

Special Session **58**	**Geometric and Nonlinear PDEs** Organizer(s): Frederic Robert, Jerome Vetois	**MP-301**
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15:30-16:00	**John Villavert (University of Texas, Rio Grande Valley, USA)** Elliptic Equations Related to Lane-Emden and Hardy-Littlewood-Sobolev Conjectures	Abstracts p. 168
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Special Session **61**	**Stochastic Filtering, Optimal Control, and Their Applications** Organizer(s): Guangchen Wang, Jie Xiong	**FC-401**
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16:00-16:30	**Qizhu Liang (University of Macau, Peoples Rep of China)** Stochastic Maximum Principle on a Continuous-Time Behavioral Portfolio Model	Abstracts p. 176
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17:00-17:30	**Jingtao Shi (Shandong University, Peoples Rep of China)** A Kind of Stochastic Linear-Quadratic Stackelberg Differential Game with Overlapping Information	Abstracts p. 177
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Special Session **63**	**Theoretical and Numerical Aspects of Mathematical Geophysical Dynamics** Organizer(s): Olga Rozanova, Alina Chertock, Alexander Kurganov, Jui-Ling Yu	**MP-702**
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16:00-16:30	**Hisao Fujita Yashima (Ecole Normale Supérieure Assia Djebar de Constantine, Algerie)** A Mathematicam Model of the Evolution of a Typhoon Based on the Trajectories of the Wind	Abstracts p. 181
16:30-17:00	**Alexander Kurganov (Southern University of Science and Technology, China and Tulane University, USA, Peoples Rep of China)** Well-Balanced Schemes Via Conservative Formulation Using Global Fluxes	Abstracts p. 181
17:30-18:00	**Olga Rozanova (Moscow State University, Russia)** Nonlinear Stability of Gas Cloud in the Earth Atmosphere	Abstracts p. 181

Special Session **68**	**Viscosity Solutions: Beyond the Well-Posedness Theory** Organizer(s): Hung V. Tran, Hiroyoshi Mitake, Yifeng Yu	**AM-101**
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15:30-16:00	**Kohei Soga (Keio University, Japan)** A Finite Difference Method in Hamilton-Jacobi Equations and Weak KAM Theory	Abstracts p. 195
17:00-17:30	**Wei Cheng (Nanjing University, Peoples Rep of China)** On and Beyond Propagation of Singularities	Abstracts p. 193
17:30-18:00	**Norbert Pozar (Kanazawa University, Japan)** Incompressible Limit of the Porous Medium Equation with a Drift	Abstracts p. 194
18:00-18:30	**Taiga Kumagai (Waseda University, Japan)** Hamilton-Jacobi Equations with Large Hamiltonian Drift Terms	Abstracts p. 194

Special Session **69**	**Global Or/And Blowup Solutions for Nonlinear Evolution Equations and Their Applications** Organizer(s): Shaohua Chen, Ming Mei, Runzhang Xu	**FC-202**
15:00-15:30	**Stella Maria Piro (Vernier) (University of Cagliari, Italy)** Blow-up Phenomena in Hyperbolic 4th Order Equations	Abstracts p. 197
15:30-16:00	**Jinkai Li (The Chinese University of Hong Kong, Hong Kong)** Entropy-Bounded Solutions of the Compressible Navier-Stokes Equations with Vacuum	Abstracts p. 196
16:00-16:30	**Monica Marras (University of Cagliari, Italy)** Behaviour in Time of Solutions to a Class to Hyperbolic and Parabolic Systems	Abstracts p. 196
16:30-17:00	**Salim A. Messaoudi (KIng Fahd University of Petroleum and Minerals, Saudi Arabia)** Decay in a Nonlinearly Damped Wave Equation with Variable Exponents of Nonlinearity	Abstracts p. 196
17:00-17:30	**Siyan Guo (Harbin Engineering University, Peoples Rep of China)** Finite Time Blow Up for Two Dimensional Generalized Boussinesq Equations	Abstracts p. 196
17:30-18:00	**Yi Niu (School of Information Science and Engineering, Shandong Normal University, Peoples Rep of China)** Global Well-Posedness of Damped Multidimensional Generalized Boussinesq Equations	Abstracts p. 197

Special Session **73**	**Dynamics of Ordinary Differential Equations** Organizer(s): Jifeng Chu, Juntao Sun, Zhaosheng Feng	**AM-202**
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15:30-16:00	**Treena Basu (Occidental College, USA)** A Fast $O(N \log N)$ Second-Order Numerical Method for Space-Fractional Diffusion Equations	Abstracts p. 209
16:00-16:30	**Feng Cao (Nanjing University of Aeronautics and Astronautics, Peoples Rep of China)** Group Actions on Monotone Skew-Product Semiflows with Applications	Abstracts p. 209
16:30-17:00	**Zengji Du (Jaingsu Normal University, Peoples Rep of China)** Traveling Wave Solutions of a Modified Vector-Disease Model	Abstracts p. 209
17:00-17:30	**Zhaosheng Feng (University of Texas-Rio Grande Valley, USA)** Approximate Analysis to the KdV-Burgers-Kuramoto Equation	Abstracts p. 209
17:30-18:00	**Yongxin Jiang (Hohai University, Peoples Rep of China)** A Perron-Type Theorem for Nonautonomous Differential Equations with Different Growth Rates	Abstracts p. 210
18:00-18:30	**Lingju Kong (University of Tennessee at Chattanooga, USA)** Homoclinic Solutions for a Higher Order Difference Equation	Abstracts p. 210

Special Session **81**	**Stochastic Systems, SDEs/SPDEs, and Games with Numerics and Applications** Organizer(s): Wanyang Dai	**MP-302**
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15:30-16:00	**Chao Zhu (University of Wisconsin-Milwaukee, USA)** On Feller and Strong Feller Properties of Regime-Switching Jump Diffusion Processes with Countable Regimes	Abstracts p. 231
16:00-16:30	**Xiao Fang (The Chinese University of Hong Kong, Hong Kong)** A Malliavin-Stein Approach for Multivariate Approximations in Wasserstein Distance	Abstracts p. 230
16:30-17:00	**Wanyang Dai (Nanjing University, Peoples Rep of China)** Simulation and Numerics by Malliavin Calculus for Backward Stochastic Partial Differential Equations and Stochastic Differential Games	Abstracts p. 230
17:00-17:30	**Michael Roeckner (Bielefeld University, Germany)** Nonlinear Fokker-Planck-Kolmogorov Equations and Stochastic Distribution Dependent SDE	Abstracts p. 231
18:00-18:30	**Hsing Luh (National Chengchi University, Taiwan)** A Markovian Queue with Feedback and Multiple Types of Customers	Abstracts p. 231

Special Session **82**	**Recent Advance in Differential Equations with Applications to Biology, Ecology and Epidemiology** Organizer(s): Guihong Fan, Yanyu Xiao	**FC-503**
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15:30-16:00	**Yufang Wang (Tianjin University of Finance and Economics, Peoples Rep of China)** Prediction of Daily $PM_{2.5}$ Concentration in China Using Partial Differential Equation in Spatial-Temporal Dimension	Abstracts p. 235
16:00-16:30	**Hayriye Gulbudak (University of Louisiana at Lafayette, USA)** Modeling Evolution and Spread of Vector-Borne Diseases	Abstracts p. 233
16:30-17:00	**Cameron J. Browne (University of Louisiana at Lafayette, USA)** Models of Dynamic Virus and Immune Response Networks	Abstracts p. 233
17:00-17:30	**Maoxing Liu (North University of China, Peoples Rep of China)** Stability and Controlling of Complex Ecosystems	Abstracts p. 235
17:30-18:00	**Chunhua Shan (The University of Toledo, USA)** Complex Dynamics and Bifurcations of a Mosquito-Borne Disease Model with a Nonlinear Recovery Rate	Abstracts p. 235

Special Session **84**	**Analysis of Mathematical Modeling Arising from Population Biology** Organizer(s): Yu Jin, Sze-Bi Hsu, Feng-Bin Wang	**MP-403**
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15:30-16:00	**Bingtuan Li (University of Louisville, USA)** Multiple Invasion Speeds in a Two-Species Integro-Difference Competition Model	Abstracts p. 239
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16:30-17:00	**Zhiguo Wang (Shaanxi Normal University, Peoples Rep of China)** Spatial Propagation for a Parabolic System with Multiple Species Competing for Single Resource	Abstracts p. 240
17:00-17:30	**Hua Nie (Shaanxi Normal University, Peoples Rep of China)** Coexistence and Bistability of a Competition Model in Open Advective Environments	Abstracts p. 239
17:30-18:00	**Samares Pal (University of Kalyani, India)** Effects of Macroalgal Toxicity and Overfishing on the Resilience of Coral Reef	Abstracts p. 240
18:00-18:30	**Hongying Shu (Shaanxi Normal University, Peoples Rep of China)** Global Bifurcation Analysis of a Single Species Population Model	Abstracts p. 240

Special Session **106**	**Variational Methods and Nonlinear Partial Differential Equations** Organizer(s): Jun Wang, Zhitao Zhang, Maochun Zhu	**MP-503**
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16:00-16:30	**Xu Junxiang (Southeast University, Peoples Rep of China)** General KAM Theorems and Their Applications to Invariant Tori with Prescribed Frequencies	Abstracts p. 289
16:30-17:00	**Rushun Tian (Capital Normal University, Peoples Rep of China)** Applications of Morse Theory to Some Nonlinear Elliptic Equations with Resonance at Zero	Abstracts p. 289
17:00-17:30	**Jianyi Chen (Qingdao Agricultural University, Peoples Rep of China)** Multiple Periodic Solutions for the Nonlinear Wave Equation in a Ball	Abstracts p. 288
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15:00-15:30	**Weizhu Bao (National University of Singapore, Singapore)** Multiscale Methods and Analysis for the Dirac Equation in the Nonrelativistic Limit Regime	Abstracts p. 297
15:30-16:00	**Philippe Chartier (INRIA, France)** A Generic Technique for Constructing Uniformly Accurate Methods for Oscillating Evolution Equations	Abstracts p. 297
16:00-16:30	**Christophe Besse (Université de Toulouse, France)** Transparent Boundary Conditions for Dispersive PDEs	Abstracts p. 297
16:30-17:00	**Romain Duboscq (Institut de Mathematiques de Toulouse, France)** On the Nonlinear Schrodinger Equation with White Noise Dispersion	Abstracts p. 297
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18:00-18:30	**Zhennan Zhou (Peking University, Peoples Rep of China)** The Gaussian Wave Packets Transform for the Semi-Classical Schrödinger Equation with Vector Potentials	Abstracts p. 299

Special Session **121**	**Stability of Solitary Waves in Nonlinear PDEs** Organizer(s): Dmitry Pelinovsky, Yusuke Shimabukuro	**FC-402**
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16:30-17:00	**Atanas Stefanov (University of Kansas, USA)** Ground States of Second Order PDEs with Mixed Power Non-Linearities	Abstracts p. 316
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18:00-18:30	**Shotaro Yamazoe (Kyoto University, Japan)** Bifurcation of Relative Equilibria in Infinite-Dimensional Hamiltonian Systems	Abstracts p. 316

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16:00-16:30	**Junya Nishiguchi (Tohoku University, Japan)** On Global Attractors for Dynamical Systems Without Natural Metrics	Abstracts p. 358
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16:00-16:30	**Robert Marangell (University of Sydney, Australia)** Traveling Wave Solutions in a Model for Tumour Invasion with the Acid-Mediation Hypothesis	Abstracts p. 370
16:30-17:00	**Scott McCalla (Montana State University, USA)** Nonlocal Interfacial Dynamics in Biological Systems	Abstracts p. 371
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Special Session **146**	**Recent Developments in Stochastic Analysis, Stochastic Control and Related Fields** Organizer(s): Chao Zhu, Yu-Jui Huang	**FC-501**
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15:30-16:00	**Huijie Qiao (Southeast University, Peoples Rep of China)** Convergence of Nonlinear Filtering for Stochastic Dynamical Systems with Lévy Noises	Abstracts p. 380
16:00-16:30	**Jiongmin Yong (University of Central Florida, USA)** Representation of Adapted Solutions to Backward Stochastic Volterra Integral Equations	Abstracts p. 380
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17:00-17:30	**Harry Zheng (Imperial College, England)** Global Closed-Form Approximation of Free Boundary for Optimal Investment Stopping Problems	Abstracts p. 381
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Special Session **148**	**Intersections in Probability and Nonlinear PDEs** Organizer(s): Yu-Min Chung, Nathan Glatt-Holtz, Vincent R. Martinez, Cecilia Mondaini	**FC-502**
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17:00-17:30	**Honghu Liu (Virginia Tech, USA)** Galerkin Approximations of Nonlinear Delay Differential Equations with Or Without Noise	Abstracts p. 386

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15:00-15:30	**Maria Alessandra Ragusa (Catania University-RUDN Univ, Moscow, Russia, Italy)** Effects of Some Estimates of Functionals in Calculus of Variations	Abstracts p. 388
15:30-16:00	**Vincenzo Ferone (Università di Napoli Federico II, Italy)** Weinstock Inequality in Higher Dimensions	Abstracts p. 388
16:00-16:30	**Andrea Scapellato (University of Catania, Italy)** Parabolic Equations on Morrey Spaces with Mixed Norm	Abstracts p. 389
16:30-17:00	**Barbara Brandolini (University of Naples Federico II, Italy)** The Equality Case in a Poincaré - Wirtinger Type Inequality	Abstracts p. 388

Special Session **156**	**Dynamics, Control and Unpredictability in Physical and Biophysical Systems** Organizer(s): Mattia T. Coccolo, Jesus M. Seoane, Miguel A.F. Sanjuan	**FC-201**
15:00-15:30	**Miguel Sanjuan (Universidad Rey Juan Carlos, Madrid, Spain, Spain)** Basin Entropy: a Measure of the Final State Unpredictability and Applications to Some Physical Systems	Abstracts p. 402
15:30-16:00	**Carlos Escudero (Universidad Autonoma de Madrid, Spain)** Noise Interpretations in Insider Trading Modelling	Abstracts p. 402
16:00-16:30	**Jesus M. Seoane (University Rey Juan Carlos, Spain)** Relativistic Effects in Chaotic Scattering	Abstracts p. 403
16:30-17:00	**Alvaro Correales (Stockholm University, Sweden)** Stochastic Activation in a Genetic Switch Model	Abstracts p. 402
17:00-17:30	**Mattia T. Coccolo (Universidad Rey Juan Carlos, Spain)** A New Type of Resonance: the Bogdanov-Takens Resonance in Time-Delayed Systems	Abstracts p. 402
17:30-18:00	**Valery Gaiko (National Academy of Sciences of Belarus, Belarus)** Global Qualitative Analysis of Multi-Parameter Biomedical Dynamical Systems	Abstracts p. 402
18:00-18:30	**Sophia Jang (Texas Tech University, USA)** Optimal Treatments in Cancer Immunotherapy Involving CD4+ T Cells	Abstracts p. 402

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15:00-15:20	**Erika Maringova (Charles University, Czech Rep)** On the Regularity of Minimizers of Convex Variational Problems	Abstracts p. 440
15:20-15:40	**W.Y. Chan (Texas A&M University Texarkana, USA)** Finding Critical Domains of Quenching Set for Coupled Semilinear Parabolic Equations with a Localized Source	Abstracts p. 430
15:40-16:00	**Chou Hsin Chin (Chiao Tung University, Taiwan)** Q (Telta)-Differential	Abstracts p. 430
16:00-16:20	**Wonhyung Choi (Korea University, Korea)** A SIS Epidemic Reaction-Diffusion Model with Risk-Induced Dispersal	Abstracts p. 431
16:20-16:40	**Gaurav Dwivedi (BITS Pilani, India)** Existence of a Solution to Singular Semilinear Polyharmonic Equation with Exponential Nonlinearity	Abstracts p. 433
16:40-17:00	**Wei Han (North University of China, Peoples Rep of China)** Nonexistence of Global Solutions to Some Quasilinear Wave Equations in Three Space Dimensions	Abstracts p. 435
17:00-17:20	**Ricardo Parreira Da Silva (University of Brasilia, Brazil)** Global Mild Solutions for a Nonautonomous/Impulsive 2D Navier-Stokes Equations	Abstracts p. 442
17:20-17:40	**Melusi Khumalo (University of South Africa, So Africa)** Bio-Convective Nanofluid Flow Along a Horizontal Wavy Surface in Porous Media	Abstracts p. 437
17:40-18:00	**Lirong Huang (Fujian Jiangxia University, Peoples Rep of China)** Recent Progress on Schrodinger-Poission System	Abstracts p. 436

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08:30-09:00	**Lixin Wu (HKUST, Hong Kong)** Dual-Curve Term Structure Models for Post-Crisis Interest Rate Derivatives Markets	Abstracts p. 13
09:30-10:00	**Gechun Liang (University of Warwick, England)** An Ergodic BSDE Approach to the Construction of Forward Preferences	Abstracts p. 12

Special Session **4**	**Dynamical Systems and Variational Methods** Organizer(s): Yiming Long, Chao-Nien Chen, Huagui Duan	**FC-405**
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09:00-09:30	**Michael E. Filippakis (University of Piraeus, Greece)** Existence of Nodal Solutions for Problems with Robin Conditions	Abstracts p. 15

Special Session **9**	**Nonlinear Evolution PDEs, Interfaces and Applications** Organizer(s): Alain Miranville, Gunduz Caginalp, Maurizio Grasselli	**FC-303**
08:00-08:30	**Eduard Feireisl (Czech Academy of Sciences, Czech Rep)** A Diffuse Interface Model of a Two-Phase Flow with Thermal Fluctuations	Abstracts p. 27
08:30-09:00	**Madalina Petcu (University of Poitiers, France)** Energy Stable Numerical Scheme for the Viscous Cahn-Hilliard-Navier-Stokes Equations with Moving Contact Lines	Abstracts p. 29
09:00-09:30	**Andrea Giorgini (Politecnico Di Milano, Italy)** The Three-Dimensional Cahn-Hilliard-Brinkman System with Unmatched Viscosities	Abstracts p. 28
09:30-10:00	**Sergio Frigeri (Università Cattolica del Sacro Cuore, Brescia, Italy)** Some Regularity Results for Nonlocal Cahn-Hilliard/Navier-Stokes Systems	Abstracts p. 27

Special Session **12**	**Numerical Methods for Phase Field Models** Organizer(s): Zhonghua Qiao, Jie Shen, Xiaoping Wang	**MP-702**
08:00-08:30	**Qi Wang (CSRC/Univ. of South Carolina, Peoples Rep of China)** 2nd Law of Thermodynamics, Onsager Principle and Numerical Methods for Multiphase Systems	Abstracts p. 40
08:30-09:00	**Tiezheng Qian (Hong Kong University of Science and Technology, Hong Kong)** Reciprocal Theorem: from Local Equations to Symmetry Over the Whole System	Abstracts p. 39
09:00-09:30	**Lili Ju (University of South Carolina, USA)** Maximum Principle-Preserving Exponential Time Differencing Schemes for Nonlocal Allen-Cahn Equations	Abstracts p. 39
09:30-10:00	**Xiao Li (Beijing Computational Science Research Center, Peoples Rep of China)** Exponential Time Differencing Schemes for the Epitaxial Growth Model Without Slope Selection	Abstracts p. 39

Special Session **17**	**Nonlinear Elliptic and Parabolic Problems** Organizer(s): Sze-Bi Hsu, Julian Lopez-Gomez	**FC-103**
08:00-08:30	**Andrea Tellini (Universidad Autonoma de Madrid, Spain)** High Multiplicity of Positive Solutions for Superlinear Indefinite Problems with Neumann Boundary Conditions	Abstracts p. 62
08:30-09:00	**Jann-Long Chern (National Central University, Taiwan)** Singular Points Effects in Some Elliptic Equations with Sobolev Exponent and Hardy Potential	Abstracts p. 60
09:00-09:30	**Kenichiro Umezu (Ibaraki University, Japan)** Positivity of Bifurcating Solutions of Indefinite Concave-Convex Problems	Abstracts p. 63
09:30-10:00	**Tetsutaro Shibata (Hiroshima University, Japan)** Oscillatory Bifurcation for Semilinear Eigenvalue Problems	Abstracts p. 62

Special Session **18**	**Emergence and Dynamics of Patterns in Nonlinear Partial Differential Equations and Related Fields** Organizer(s): Danielle Hilhorst, Yoshihisa Morita, Junping Shi	**FC-203**
08:00-08:30	**Elaine Crooks (Swansea University, Wales)** Travelling Waves in Anisotropic Smectic C* Liquid Crystals	Abstracts p. 65
08:30-09:00	**Jian Fang (Harbin Institute of Technology, Peoples Rep of China)** Forced Waves of the Fisher-KPP Equations in a Shifting Environment	Abstracts p. 66
09:00-09:30	**Thomas Giletti (University of Lorraine, France)** Propagating Terraces: Existence and Properties	Abstracts p. 66
09:30-10:00	**Shugo Yasuda (University of Hyogo, Japan)** Traveling Wave and Aggregation in a Flux-Limited Keller-Segel Model	Abstracts p. 72

Special Session **23**	**Stochastic Partial Differential Equations** Organizer(s): Benjamin Gess, Michael Röckner	**AM-305**
08:00-08:30	**Franco Flandoli (Scuola Normale Superiore of Pisa, Italy)** Kolmogorov Equations Associated to Stochastic Fluid Dynamic Models	Abstracts p. 79
08:30-09:00	**Laurent Denis (Le Mans University, France)** Quasilinear Stochastic PDEs with Two Obstacles	Abstracts p. 78
09:00-09:30	**Mate Gerencser (IST Austria, Austria)** Quasilinear Singular SPDEs Within Regularity Structures	Abstracts p. 79
09:30-10:00	**Hendrik Weber (University of Warwick, England)** Strong Localisation for Singular SPDEs	Abstracts p. 81

Special Session **25**	**Celestial Mechanics and N-Body Problem** Organizer(s): Kuo-Chang Chen, Mitsuru Shibayama	**FC-302**
08:00-08:30	**Shanzhong Sun (Capital Normal University, Peoples Rep of China)** On the Linear Stability of Relative Equilibrium in N-Body Problem	Abstracts p. 86
08:30-09:00	**Kuo-Chang Chen (National Tsing Hua University, Taiwan)** Central Configurations and Central Measures	Abstracts p. 85
09:00-09:30	**Junji Yamada (Kyoto University, Japan)** Nonintegrability of Hamiltonian Systems with Homogeneous Potentials of Degree -2	Abstracts p. 86
09:30-10:00	**Hiroshi Fukuda (Kitasato University, Japan)** Periodic Solutions Around the Figure-Eight Choreography for the Equal Mass Three-Body Problem	Abstracts p. 85

Special Session **28**	**Patterns, Traveling Wave Solutions and Symbolic Dynamics** Organizer(s): Song-Sun Lin, Jung-Chao Ban	**MP-504**
08:00-08:30	**Yiqian Wang (Nanjing University, Peoples Rep of China)** On Smooth Quasiperiodic Schrödinger Operators	Abstracts p. 96
08:30-09:00	**Tiexiang Li (Southeast University, Peoples Rep of China)** Intermittent Behaviors in Weakly Coupled Map Lattices	Abstracts p. 95
09:00-09:30	**Yu-Hao Liang (National Chiao Tung University, Taiwan)** Flocking Motions in Cucker-Smale Models	Abstracts p. 95
09:30-10:00	**Wen-Wei Lin (National Chiao Tung University, Taiwan)** Intermittent Behaviors of Coupled Map Lattices	Abstracts p. 95

Special Session **35**	**Evolutions of Single and Set-Valued Dynamical Systems and Their Applications** Organizer(s): Jerzy Motyl, Michta Mariusz, Stanislaw Migorski	**MP-603**
08:00-08:30	**Jessada Tariboon (King Mongkut's University of Technology North Bangkok, Thailand)** Impulsive Quantum Difference Inclusions	Abstracts p. 115
08:30-09:00	**Aurelian Cernea (University of Bucharest, Romania)** Existence of Mild Solutions for a Class of Second-Order Differential Inclusions	Abstracts p. 113
09:00-09:30	**Jerzy Motyl (University of Zielona Gora, Poland)** Upper Separated Multifunctions and Their Applications to Set-Valued Dynamical Systems	Abstracts p. 114
09:30-10:00	**Mariusz Michta (University of Zielona Gora, Poland)** Stochastic Differential Inclusions and Set-Valued Stochastic Differential Equations	Abstracts p. 114

Special Session **38**	**Harmonic Analysis and Partial Differential Equations** Organizer(s): Armin Schikorra, Daniel Spector	**AM-304**
08:00-08:30	**Simon S. Blatt (University Salzburg, Austria)** Finite Time Singularities of Geometric Evolution Equations and A Reverse Isoperimetric Inequality	Abstracts p. 122
08:30-09:00	**Hao-Wei Huang (National Sun Yat-Sen University, Taiwan)** Harmonic Analysis in Bi-Free Probability Theory	Abstracts p. 122

Special Session **41**	**Revealing the Mathematical Complexity of Cell Migration and Pattern Formation: from Modelling to Applications** Organizer(s): Anotida Madzvamuse	**MP-201**
08:00-08:30	**Dumitru Trucu (University of Dundee, Scotland)** Multiscale Modelling of Adhesion Within the Cancer Invasion Process	Abstracts p. 126
08:30-09:00	**Marco Kokic (ETH Zurich, Switzerland)** Physical Driving Forces of Epithelial Organisation	Abstracts p. 125
09:00-09:30	**Laura R. Murphy (University of Sussex, England)** A Mechanochemical Model for Cell Motility	Abstracts p. 125
09:30-10:00	**Eduard Campillo-Funollet (University of Sussex, England)** The Mechanisms of Keratin Dynamics: Solving an Inverse Problem in Mathematical Biology	Abstracts p. 124

Special Session **47**	**Bifurcations and Asymptotic Analysis of Solutions of Nonlinear Models** Organizer(s): Jann-Long Chern, Yoshio Yamada, Shoji Yotsutani	**FC-505**
08:00-08:30	**Soohyun Bae (Hanbat National University, Korea)** Partial Separation of Positive Entire Solutions for Semilinear Elliptic Equations	Abstracts p. 135
08:30-09:00	**Yoshitsugu Kabeya (Osaka Prefecture University, Japan)** Eigenvalues of the Laplace-Beltrami Operator on a Zonal Domain in the Unit Sphere	Abstracts p. 135
09:00-09:30	**Tohru T. Wakasa (Kyushu Institute of Technology, Japan)** Characterization on Eigenvalues and Eigenfunctions for 1-Dimensional Linearized Scalar Field Equations	Abstracts p. 137
09:30-10:00	**Jia-Yuan Dai (Free University of Berlin, Germany)** Spiral Waves in Circular and Spherical Geometries: the Ginzburg-Landau Paradigm	Abstracts p. 135

Special Session **48**	**Nonlinear Water Waves** Organizer(s): Christian Kharif, Hung-Chu Hsu	**FC-504**
08:00-08:30	**Vishal Vasan (International Centre for Theoretical Sciences, TIFR, India)** Analysis of an Instability in Stratified Shear Flows	Abstracts p. 141
08:30-09:00	**Christopher Curtis (San Diego State University, USA)** Nonlinear Waves Over Deep Water Shear Currents and Stokes Drift	Abstracts p. 138
09:00-09:30	**Amin Chabchoub (The University of Sydney, Australia)** Drifting Modulation Instability Dynamics	Abstracts p. 138
09:30-10:00	**Debbie Eeltink (University of Geneva, Switzerland)** Vorticity in the Viscous Gravity Water-Wave Problem	Abstracts p. 139

Special Session **56**	**Analysis of Chemotaxis Models** Organizer(s): Johannes Lankeit, Tian Xiang	**FC-301**
08:00-08:30	**Tian Xiang (Renmin University of China, Peoples Rep of China)** Chemotactic Aggregation Vs Logistic Damping in the Minimal Keller-Segel Model	Abstracts p. 443
08:30-09:00	**Zhian Wang (Hong Kong Polytechnic University, Hong Kong)** Uniqueness and Convergence of Equilibrium of the Subcritial Keller-Segel System	Abstracts p. 162
09:00-09:30	**Hai-Yang Jin (South China University of Technology, Peoples Rep of China)** Some Results on Reaction-Diffusion Systems with Density-Suppressed Motility	Abstracts p. 161

Special Session **58**	**Geometric and Nonlinear PDEs** Organizer(s): Frederic Robert, Jerome Vetois	**MP-301**
08:00-08:30	**Connor Mooney (UC Irvine, USA)** Some Regularity Results for the Equation $U_{11}U_{22} = 1$	Abstracts p. 168
08:30-09:00	**Yann L. Bernard (Monash University, Australia)** Uniform Regularity Results for Critical and Subcritical Surface Energies	Abstracts p. 167
09:00-09:30	**Paul Laurain (Université Paris 7, France)** Analysis of Conformally Invariant Problem	Abstracts p. 168
09:30-10:00	**Rod Gover (University of Auckland, New Zealand)** Higher Dimensional Willmore Energies and Invariants	Abstracts p. 167

Special Session **61**	**Stochastic Filtering, Optimal Control, and Their Applications** Organizer(s): Guangchen Wang, Jie Xiong	**FC-401**
08:00-08:30	**Vivek S. Borkar (Indian Institute of Technology Bombay, India)** Nonlinear Filtering and Averaging in Two Time Scale Systems	Abstracts p. 175
08:30-09:00	**Dan Crisan (Imperial College London, England)** Time Discretizations of the Solution of the Non-Linear Filtering Problem	Abstracts p. 175
09:00-09:30	**Ajay Jasra (National University of Singapore, Singapore)** Multilevel Smoothing and Filtering	Abstracts p. 176
09:30-10:00	**Kody Law (Oak Ridge National Laboratory, USA)** Multilevel Particle Filtering	Abstracts p. 176

Special Session **68**	**Viscosity Solutions: Beyond the Well-Posedness Theory** Organizer(s): Hung V. Tran, Hiroyoshi Mitake, Yifeng Yu	**AM-101**
08:30-09:00	**Diogo Gomes (KAUST, Saudi Arabia)** First-Order, Stationary Mean-Field Games with Congestion	Abstracts p. 438
09:00-09:30	**Tien Khai Nguyen (North Carolina State University, USA)** Stability of Feedback Solutions for Infinite Horizon Noncooperative Differential Games	Abstracts p. 194
09:30-10:00	**Rita Ferreira (KAUST, Saudi Arabia)** Weak Solutions to Mean-Field Games	Abstracts p. 446

Special Session **69**	**Global Or/And Blowup Solutions for Nonlinear Evolution Equations and Their Applications** Organizer(s): Shaohua Chen, Ming Mei, Runzhang Xu	**FC-202**
08:00-08:30	**Xiaoliu Wang (Southeast University, Peoples Rep of China)** A Class of Nonlocal Parabolic PDEs and Nonlocal Curvature Flows	Abstracts p. 197
08:30-09:00	**Abraham I. Solar (Pontifical Catholic University of Chile, Chile)** Stability Results of Semi-Wavefronts in Reaction-Diffusion Equations with Delay	Abstracts p. 197
09:00-09:30	**Byungsoo Moon (Incheon National University, Korea)** On the Wave-Breaking Phenomena and Global Existence for the Periodic Rotation-Two-Component Camassa-Holm System	Abstracts p. 197
09:30-10:00	**Zhian Wang (Hong Kong Polytechnic University, Hong Kong)** Boundedness, Stabilization and Pattern Formation Driven by Density-Suppressed Motility	Abstracts p. 198

Special Session **73**	**Dynamics of Ordinary Differential Equations** Organizer(s): Jifeng Chu, Juntao Sun, Zhaosheng Feng	**AM-202**
08:30-09:00	**Xiliang Li (Shandong Technology and Business University, Peoples Rep of China)** Lifting Dynamics and Ergodicity in Stochastic Differential Equations	Abstracts p. 210
09:30-10:00	**Juntao Sun (Shandong University of Technology, Peoples Rep of China)** The Filtration of Nehari Manifold and Its Application in Some Nonlocal Problems	Abstracts p. 210

Special Session **82**	**Recent Advance in Differential Equations with Applications to Biology, Ecology and Epidemiology** Organizer(s): Guihong Fan, Yanyu Xiao	**FC-503**
08:00-08:30	**Qihua Huang (Southwest University, Peoples Rep of China)** A Hybrid Continuous/Discrete-Time Model for Invasion Dynamics of Zebra Mussels in Rivers	Abstracts p. 234
08:30-09:00	**Andrei R. Akhmetzhanov (Hokkaido University, Japan)** Quantification of Seasonal Drivers of Lassa Fever Epidemics in Nigeria	Abstracts p. 233
09:30-10:00	**Xi Huo (Univeristy of Miami, USA)** Analysis of Two Models on Antimicrobial Usage Strategies in ICUs	Abstracts p. 234

Special Session **89**	**Advances in Analysis of Mathematical Problems Arising from Materials and Biological Science** Organizer(s): Toyohiko Aiki, Sander Hille, Adrian Muntean	**FC-304**
08:30-09:00	**Nobuyuki Kenmochi (Chiba University, Japan)** Stefan/Navier-Stokes Problems – Quasi-Variational Inequality Approach –	Abstracts p. 247
09:00-09:30	**Noriaki Yamazaki (Kanagawa University, Japan)** Double Quasi-Variational Evolution Equations Governed by Time-Dependent Subdifferentials and Applications	Abstracts p. 249
09:30-10:00	**Hiroshi Watanabe (Oita University, Japan)** Solvability of Some Systems for Parabolic-Hyperbolic Conservation Laws	Abstracts p. 249

Special Session **106**	**Variational Methods and Nonlinear Partial Differential Equations** Organizer(s): Jun Wang, Zhitao Zhang, Maochun Zhu	**MP-503**
08:00-08:30	**Zhitao Zhang (Chinese Academy of Sciences, Peoples Rep of China)** Some New Results on Henon- Lane-Emden Conjecture and Schrodinger Systems	Abstracts p. 290
08:30-09:00	**Fubao Zhang (Southeast University, Peoples Rep of China)** Existence of Solutions for Schrödinger Poisson Systems with Saturable Nonlinearity	Abstracts p. 290
09:00-09:30	**Marta Calanchi (Milan University, Italy)** Cusps and a Converse to the Ambrosetti-Prodi Theorem	Abstracts p. 288
09:30-10:00	**Maochun Zhu (Jiangsu University, Peoples Rep of China)** Existence of Solutions to Nonlinear Schrödinger Equations Involving N Laplacian Operator	Abstracts p. 290

Special Session **109**	**Multiscale Methods for Highly Oscillatory Partial Differential Equations** Organizer(s): Qinglin Tang, Yongyong Cai, Weizhu Bao	**FC-403**
08:00-08:30	**Yongyong Cai (Beijing CSRC, Peoples Rep of China)** Numerical Methods for the Zakharov System	Abstracts p. 297
08:30-09:00	**Shu Wang (Beijing University of Technology, Peoples Rep of China)** Quasineutral Limit of Drift-Diffusion Models for Semiconductors and The Related Models	Abstracts p. 298
09:30-10:00	**Qinglin Tang (SiChuan University, Peoples Rep of China)** Computing Ground States of Spin 2 Bose–Einstein Condensates by the Normalized Gradient Flow	Abstracts p. 447

Special Session **111**	**Nonlinear Evolution Equations** Organizer(s): Maria Pia Gualdani, Natasa Pavlovic	**MP-202**
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08:30-09:00	**Kung-Chien Wu (National Cheng Kung University, Taiwan)** Explicit Structure of the Fokker-Planck Equation with Flat Confinement	Abstracts p. 303
09:00-09:30	**Ioakeim Ampatzoglou (The University of Texas at Austin, Greece)** A Rigorous Derivation of a Boltzman-Type Cubic Equation	Abstracts p. 300
09:30-10:00	**Maria Gualdani (George Washington University, USA)** The Isotropic Landau Equation	Abstracts p. 301

Special Session **121**	**Stability of Solitary Waves in Nonlinear PDEs** Organizer(s): Dmitry Pelinovsky, Yusuke Shimabukuro	**FC-402**
08:00-08:30	**Masaya Maeda (Chiba University, Japan)** On Scattering for NLS-ODE Model Having Metastable Solution	Abstracts p. 315
08:30-09:00	**Soonsik Kwon (Korea Advanced Institute of Science and Technology, Korea)** Orbital Stability of Solitary Waves of Derivative Nonlinear Schrödinger Equations	Abstracts p. 315
09:00-09:30	**Masayuki Hayashi (Waseda University, Japan)** Global Existence of Solutions for the Derivative Nonlinear Schrödinger Equation	Abstracts p. 315
09:30-10:00	**Aaron Saalmann (University of Cologne, Germany)** Asymptotic Stability of Solitons in the Massive Thirring Model	Abstracts p. 316

Special Session **131**	**Mean Field Games and Applications** Organizer(s): Tonon Daniela, Festa Adriano, Silva Francisco	**AM-102**
08:30-09:00	**Marco Cirant (Università di Padova, Italy)** Concentration Phenomena in Mean Field Game Systems with Aggregation	Abstracts p. 337
09:00-09:30	**Daniela Tonon (Paris Dauphine University, France)** Aggregation in Evolutionary Mean Field Games	Abstracts p. 339
09:30-10:00	**Alpar R. Meszaros (UCLA, USA)** Sobolev Regularity for First Order Mean Field Games	Abstracts p. 338

Special Session **132**	**Qualitative and Quantitative Techniques for Differential Equations Arising in Economics, Finance and Natural Sciences** Organizer(s): Rehana Naz, Imran Naeem, Rita Tracina	**MP-401**
08:30-09:00	**Olga Rozanova (Moscow State University, Russia)** Method of Integral Momenta for Gas-Dynamics-Like Systems	Abstracts p. 343
09:00-09:30	**Ajay Jasra (National University of Singapore, Singapore)** On Markov Chain Methods for Multilevel Monte Carlo	Abstracts p. 341
09:30-10:00	**Olga Vasilieva (Universidad del Valle, Colombia)** Population Dynamics of *Wolbachia* Invasion in Wild *Aedes Aegypti* Populations	Abstracts p. 345

Special Session **134**	**Recent Advances on Structure and Property-Preserving Numerical Approximations to PDEs** Organizer(s): Qi Wang, Yuezheng Gong, Jia Zhao	**MP-203**
08:00-08:30	**Jie Shen (Purdue University and Xiamen University, USA)** The SAV Approach for Gradient Flows: Error Analysis and Applications	Abstracts p. 423
08:30-09:00	**Ping Lin (University of Dundee, Scotland)** An Energy Law Preserving Finite Element Scheme for Moving Contact Line Problems	Abstracts p. 346
09:30-10:00	**Qi Wang (CSRC/Univ. of South Carolina, Peoples Rep of China)** Structuring Preserving Numerical Approximations to Thermodynamically Consistent Models	Abstracts p. 347

Special Session **141**	**Integrable Peakon Equations and Related Topics** Organizer(s): Zhijun Qiao, Tony Sheu, Stephen Anco	**FC-404**
08:00-08:30	**Zuonong Zhu (Shanghai Jiao Tong University, Peoples Rep of China)** On Integrable Nonlocal Nonlinear Schrödinger Equation and Its Discrete Version	Abstracts p. 366
08:30-09:00	**Xiaoyan Tang (East China Normal University, Peoples Rep of China)** A General Nonlocal Nonlinear Schrödinger Equation with Shifted Parity, Charge-Conjugate and Delayed Time Reversal	Abstracts p. 365
09:00-09:30	**Qiaoyi Hu (South China Agricultural University, Peoples Rep of China)** Multi-Soliton Solutions and The Cauchy Problem for a Two-Component Short Pulse System	Abstracts p. 364
09:30-10:00	**Hongmin Li (Huaqiao University, Peoples Rep of China)** Conserved Quantities and Reductions of a Limit System	Abstracts p. 365

Special Session **143**	**Analytic and Numerical Approaches for Understanding Complex Systems** Organizer(s): Chung-Min Lee, James Von Brecht, Scott McCalla	**MP-501**
08:00-08:30	**Omar Richardson (Karlstad University, Sweden)** A Multiscale Crowd Evacuation Model Capturing the Effect of Environment Awareness in the Presence of Fire and Smoke	Abstracts p. 371
08:30-09:00	**Chun-Hsiung Hsia (National Taiwan University, Taiwan)** On the Mathematical Analysis of the Synchronization with Delays	Abstracts p. 370
09:00-09:30	**Chiu-Yen Kao (Claremont McKenna College, USA)** A Numerical Study of Steklov Eigenvalue Problem Via Conformal Mapping	Abstracts p. 370
09:30-10:00	**Eun Heui Kim (California State University Long Beach, USA)** A Variational Inequality Formulation for Transonic Compressible Steady Potential Flows	Abstracts p. 370

Special Session **146**	**Recent Developments in Stochastic Analysis, Stochastic Control and Related Fields** Organizer(s): Chao Zhu, Yu-Jui Huang	**FC-501**
08:00-08:30	**Qing Zhang (University of Georgia, USA)** Switching Between a Pair of Stocks: Trading Rules and More	Abstracts p. 381
09:00-09:30	**Xiang Yu (The Hong Kong Polytechnic University, Hong Kong)** Risk Sensitive Portfolio Optimization with Regime-Switching and Default Contagion	Abstracts p. 381
09:30-10:00	**Ruihua Liu (University of Dayton, USA)** Portfolio Optimization in Presence of Proportional Transaction Costs and Regime-Switching	Abstracts p. 380

Special Session **148**	**Intersections in Probability and Nonlinear PDEs** Organizer(s): Yu-Min Chung, Nathan Glatt-Holtz, Vincent R. Martinez, Cecilia Mondaini	**FC-502**
08:30-09:00	**Marco Romito (Università di Pisa, Italy)** Random Initial Conditions for Semi-Linear PDEs	Abstracts p. 387
09:00-09:30	**Samuel D. Samuel Punshon-Smith (University of Maryland, USA)** Well-Posedness for Stochastic Continuity Equations with Rough Coefficients	Abstracts p. 387

Special Session **149**	**Analytic Approaches on Qualitative Properties of Solutions of PDE** Organizer(s): Annamaria Barbagallo, Maria Alessandra Ragusa, Andrea Scapellato	**MP-502**
08:00-08:30	**Annamaria Barbagallo (University of Naples Federico II, Italy)** The Cauchy-Dirichlet Problem for a Class of Hyperbolic Operators with Double Characteristics in Presence of Transition: Existence and Uniqueness Results	Abstracts p. 388
08:30-09:00	**Giuseppina D'Agui (University of Messina, Italy)** Non-Zero Solutions for Elliptic Differential Problems	Abstracts p. 388
09:00-09:30	**Emanuel Guariglia (University of Naples Federico II - Dept. of Mathematics, Italy)** Wavelet Method for PDEs on Besov Spaces	Abstracts p. 388

Contributed Session **1**	**ODEs and Applications** Chair: Hector Barge	**MP-701**
08:00-08:20	**Hector Barge (Universidad Politecnica de Madrid, Spain)** Regular Blocks and Conley Index of Isolated Invariante Continua in Surfaces	Abstracts p. 428
08:20-08:40	**Jagdish Chand D. Bansal (South Asian University, India)** Particle Swarm Optimization for the Numerical Solution of One-Dimensional Elliptic Boundary Value Problems	Abstracts p. 428
08:40-09:00	**Petarpa Boonserm (Chulalongkorn University, Thailand)** Variation of Parameters for a Differential Equation on Schwarzschild Spacetime	Abstracts p. 429
09:00-09:20	**Saroj Kumar Sahani (South Asian University, India)** A Model for the Effects of Pollutants on Survival of Species	Abstracts p. 444
09:20-09:40	**Navnit Jha (South Asian University, India)** Analysis of Some High-Order Compact Scheme on a Non-Uniform Mesh Network for One-Dimension Singularly Perturbed Elliptic Problems	Abstracts p. 436
09:40-10:00	**Anuraj Singh (ABV-Indian Institute of Information Technology and Management Gwalior, India)** Global Stability for Coupled System Using Graph Theoretical Approach	Abstracts p. 445

Contributed Session **2**	**PDEs and Applications** Chair: Hannah E. Kreczak	**MP-302**
08:00-08:20	**Hannah E. Kreczak (University of Leeds, England)** Deceleration of Mixing Rates in Discontinuous, One-Dimensional Mappings	Abstracts p. 438
08:20-08:40	**Bataa Lkhagvasuren (Chonnam National University, Korea)** A Remark on the Existence of a Class of Stretched Magnetohydrodynamics Flow with Infinite Energy	Abstracts p. 439
08:40-09:00	**Andrej A. Novak (University of Zagreb, Faculty of Science, Croatia)** Averaged Fractional Control	Abstracts p. 441
09:00-09:20	**Kim Tuan Vu (University of West Georgia, USA)** Consider a Heat Equation on a Simple Star Graph with Three Equal Edges	Abstracts p. 447
09:20-09:40	**Hermen Jan Hupkes (Leiden University, Netherlands)** Stability of Travelling Waves for Stochastic Reaction-Diffusion Equations	Abstracts p. 436
09:40-10:00	**Sharad Dwivedi (SRM Insitute of Science and Technology, Chennai, India)** On the Dynamics of Domain Wall Motion in Ferromagnetic Heterostructures Under the Influence of Interfacial Dzyaloshinskii-Moriya Interaction	Abstracts p. 433

Contributed Session **3**	**Modeling, Math Biology and Math Finance** Chair: Bill Fagan	**MP-602**
08:00-08:20	**Bill Fagan (University of Maryland, USA)** Vector-Borne Disease Control: Dynamic Modeling of Personal Protection Strategies Limits the Diversity Amplification Effect	Abstracts p. 434
08:20-08:40	**Printaporn Sanguansuttigul (King Mongkut's University of Technology Thonburi, Thailand)** Kinetic Stability Analysis of 18F-FDOPA in PET/CT Imaging for Parkinson's Disease	Abstracts p. 444
08:40-09:00	**Eva Stadler (Technical University of Munich, Germany)** Eigensolutions for a Model of Vertical Gene Transfer of Plasmids	Abstracts p. 445
09:00-09:20	**Filippo Terragni (University Carlos III of Madrid, Spain)** Modeling the Growth of Blood Vessels	Abstracts p. 446
09:20-09:40	**Chi Hei Christopher Liu (The Chinese University of Hong Kong, Hong Kong)** Pricing Options with Heston Stochastic Volatility and Time-Dependent Parameters — Lie-Algebraic Approach	Abstracts p. 439

Special Session **3**	**Recent Trends in Mathematical Finance** Organizer(s): Shige Peng, Zengjing Chen, Yufeng Shi	**FC-201**
13:30-14:00	**Xianzhi Yuan (To Be Added, Peoples Rep of China)** The Dynamics of Stochastic Incentive Effect for "U" Shape Theory for SMEs Under Bigdata Framework	Abstracts p. 14
14:00-14:30	**Juan Li (Shandong University, Peoples Rep of China)** Representation of Limit Values for Nonexpansive Stochastic Differential Games	Abstracts p. 12
14:30-15:00	**Zuoquan Xu (The Hong Kong Polytechnic University, Hong Kong)** Quantile Optimization Under Derivative Constraint	Abstracts p. 13
15:00-15:30	**Xianhua Peng (HSBC Business School, Peking University, Peoples Rep of China)** EM Algorithm and Stochastic Control	Abstracts p. 433

Special Session **5**	**Recent Advances in Inverse Problems** Organizer(s): Gang Bao, Jun Lai, Shuai Lu	**FC-405**
13:30-14:00	**Peijun Li (Purdue University, USA)** Inverse Elastic Surface Scattering with Far-Field Data	Abstracts p. 17
14:00-14:30	**Hai Zhang (HKUST, Hong Kong)** Mathematical Studies of Extraordinary Field Enhancement in Subwavelength Slit Structures	Abstracts p. 18
14:30-15:00	**Guanghui Hu (Beijing Computational Science Research Center, Peoples Rep of China)** Inverse Medium Scattering with a Single Incoming Wave	Abstracts p. 17
15:00-15:30	**Xiang Xu (Zhejiang University, Peoples Rep of China)** Inverse Problems on Piezoelectric Equation	Abstracts p. 18

Special Session **9**	**Nonlinear Evolution PDEs, Interfaces and Applications** Organizer(s): Alain Miranville, Gunduz Caginalp, Maurizio Grasselli	**FC-303**
13:30-14:00	**Helmut Abels (University of Regensburg, Germany)** Sharp Interface Limit for the Allen-Cahn Equation with a Contact Angle	Abstracts p. 26
14:00-14:30	**Morgan Pierre (Université de Poitiers, France)** Convergence of Exponential Attractors for a Finite Element Approximation of the Allen-Cahn Equation	Abstracts p. 29
14:30-15:00	**Cecilia Cavaterra (Università degli Studi di Milano, Italy)** A Nonlinear Model for Marble Sulphation Including Surface Rugosity: Theoretical and Numerical Results	Abstracts p. 26
15:00-15:30	**Shuiran Peng (University of Poitiers, France)** Higher-Order Anisotropic Phase Separation Models: Theoretical Analysis and Numerical Simulations	Abstracts p. 29

Special Session **12**	**Numerical Methods for Phase Field Models** Organizer(s): Zhonghua Qiao, Jie Shen, Xiaoping Wang	**MP-702**
13:30-14:00	**Xiaoming Wang (Fudan University and Florida State University, Peoples Rep of China)** Positivity Preserving Numerical Schemes for Phase-Field Models	Abstracts p. 40
14:00-14:30	**Xiaofeng Yang (University of South Carolina, USA)** The So-Called Invariant Energy Quadratization Approach for Developing Unconditionally Energy Stable Schemes of Phase Field Models	Abstracts p. 40

Special Session **13**	**Measurable and Topological Dynamics** Organizer(s): Yonatan Gutman, Hitoshi Nakada, Kyewon Koh Park, Xiangdong Ye	**MP-602**
13:30-14:00	**Hitoshi Nakada (Keio University, Japan)** On the Construction of Translation Surfaces from Piecewise Rotation Maps of the Circle	Abstracts p. 43
14:00-14:30	**Jeong-Yup Lee (Catholic Kwandong University, Korea)** On Substitution Tilings with Infinite Local Complexity	Abstracts p. 43
14:30-15:00	**Jian Li (Shantou University, Peoples Rep of China)** Mean Equicontinuity, Bounded Complexity and Discrete Spectrum	Abstracts p. 43

Special Session **15**	**Analysis of Evolutionary Systems of Partial Differential Equations for Complex Materials** Organizer(s): Anja Schlömerkemper, Sarka Necasova, Arghir Zarnescu, Giulio Schimperna	**MP-701**
13:30-14:00	**Martin Kruzik (Czech Academy of Sciences, Czech Rep)** On the Passage from Nonlinear to Linearized Viscoelasticity	Abstracts p. 50
14:00-14:30	**Xianpeng Hu (City University of Hong Kong, Hong Kong)** Wellposedness of Weak Solutions to Viscoelasticity	Abstracts p. 49
14:30-15:00	**Martin Kalousek (University of Würzburg, Germany)** Analysis of a Model for a Magneto-Viscoelastic Material	Abstracts p. 50
15:00-15:30	**Jinhae Park (Chungnam National University, South Korea, Korea)** A Property in Smectic Liquid Crystals	Abstracts p. 51

Special Session **17**	**Nonlinear Elliptic and Parabolic Problems** Organizer(s): Sze-Bi Hsu, Julian Lopez-Gomez	**FC-103**
13:30-14:00	**Robert Stephen Cantrell (University of Miami, USA)** Resident-Invader Dynamics in Infinite Dimensional Systems	Abstracts p. 59
14:00-14:30	**Florica C. Cirstea (University of Sydney, Australia)** Sharp Asymptotic Profiles of Singular Solutions to an Elliptic Equation with a Sign-Changing Non-Linearity	Abstracts p. 60
14:30-15:00	**Tom Ter Elst (University of Auckland, New Zealand)** Hölder Estimates for Second-Order Operators with Mixed Boundary Conditions	Abstracts p. 62
15:00-15:30	**David G. Costa (University of Nevada Las Vegas, USA)** Existence and Concentration of Positive Solutions for a Class of Kirchhoff Type Equations	Abstracts p. 60

Special Session **18**	**Emergence and Dynamics of Patterns in Nonlinear Partial Differential Equations and Related Fields** Organizer(s): Danielle Hilhorst, Yoshihisa Morita, Junping Shi	**FC-203**
13:30-14:00	**Yi Li (California State University, Northridge, USA)** Spectral Stability of Traveling Waves for Keller-Segel Chemotactic Model	Abstracts p. 68
14:00-14:30	**Mitsunori Nara (Iwate University, Japan)** Stability of Front Solutions of the Bidomain Equation on a Strip	Abstracts p. 69
14:30-15:00	**Jan Elias (University of Graz, Austria)** On a Dispersal Model for Farmers and Hunter-Gatherers in the Neolithic Transition	Abstracts p. 436
15:00-15:30	**Muhammad Humayun Kabir (Meiji University, Japan)** Traveling Wave Solutions of a Reaction-Diffusion System for Neolithic Transition in Europe	Abstracts p. 67

Special Session **23**	**Stochastic Partial Differential Equations** Organizer(s): Benjamin Gess, Michael Röckner	**AM-305**
14:00-14:30	**Rongchan Zhu (Beijing Institute of Technology, Peoples Rep of China)** Stochastic Heat Equations with Values in a Manifold	Abstracts p. 82
14:30-15:00	**Martin Grothaus (TU Kaiserslautern, Germany)** Integration by Parts on the Law of the Modulus of the Brownian Bridge	Abstracts p. 79
15:00-15:30	**Wei Liu (Jiangsu Normal University, Peoples Rep of China)** Quasi-Linear Stochastic Partial Differential Equations with Time-Fractional Derivatives	Abstracts p. 80

Special Session **24**	**Nonlinear Dispersive Waves** Organizer(s): J. Bona, Hongqiu Chen, Min Chen, S.M. Sun	**FC-204**
13:30-14:00	**Dimitrios Mitsotakis (Victoria University of Wellington, New Zealand)** Numerical Solution of the Serre Equations	Abstracts p. 83
14:00-14:30	**Min Chen (Purdue University, USA)** Singular Solutions of a Boussinesq System for Water Waves	Abstracts p. 83
14:30-15:00	**Xin Yang (University of Cincinnati, USA)** Lifespan Estimate for the Partial Nonlinear Radiation Problems	Abstracts p. 448

Special Session **25**	**Celestial Mechanics and N-Body Problem** Organizer(s): Kuo-Chang Chen, Mitsuru Shibayama	**FC-302**
13:30-14:00	**Toshiaki Fujiwara (Kitasato University, Japan)** Linear Stability and Morse Index for the Figure-Eight and $K = 5$ Slalom Solutions Under Homogeneous Potential	Abstracts p. 85
14:00-14:30	**Yuika Kajihara (Kyoto University, Japan)** Variational Proof of the Existence of Brake Orbits in the 2-Center Problem	Abstracts p. 86
14:30-15:00	**Mitsuru Shibayama (Kyoto University, Japan)** Variational Existence Proof of Periodic and Connecting Orbits in the Planar Sitnikov Problem	Abstracts p. 86
15:00-15:30	**Duokui Yan (Beihang University, Peoples Rep of China)** Geometric Properties of Minimizing Orbits in the 3-Body Problem	Abstracts p. 442

Special Session **28**	**Patterns, Traveling Wave Solutions and Symbolic Dynamics** Organizer(s): Song-Sun Lin, Jung-Chao Ban	**MP-504**
13:30-14:00	**Shigeki Akiyama (Institute of Mathematics, University of Tsukuba, Japan)** A Criterion for Almost Periodicity of Substitutive Systems	Abstracts p. 94
14:00-14:30	**Jung-Chao Ban (National Dong Hwa University, Taiwan)** The Entropy of Shifts of Finite Type on Cayley Graph	Abstracts p. 445
14:30-15:00	**Chih-Hung Chang (National University of Kaohsiung, Taiwan)** Degree of Symbolic Dynamics on Finitely Generated Monoids	Abstracts p. 94
15:00-15:30	**Chen-Chang Peng (National Chiayi University, Taiwan)** Dynamics for Mira Maps Near Anti-Integrable Limits	Abstracts p. 95

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Special Session **9**	**Nonlinear Evolution PDEs, Interfaces and Applications** Organizer(s): Alain Miranville, Gunduz Caginalp, Maurizio Grasselli	**FC-303**
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08:30-09:00	**Laurence Cherfils (University of La Rochelle, France)** A Convergent Convex Splitting Scheme for a Nonlocal Cahn-Hilliard-Oono Type Equation with a Transport Term	Abstracts p. 26
09:00-09:30	**Ryota Nakayashiki (Chiba University, Japan)** A Class of Quasilinear Type Kobayashi–Warren–Carter Systems Including Dynamic Boundary Conditions	Abstracts p. 28
09:30-10:00	**Julien Dambrine (University of Poitiers, France)** Estimation of the Mobility in Front Propagation	Abstracts p. 27

Special Session **12**	**Numerical Methods for Phase Field Models** Organizer(s): Zhonghua Qiao, Jie Shen, Xiaoping Wang	**MP-702**
08:00-08:30	**Jie Shen (Purdue University and Xiamen University, USA)** Multiple Scalar Auxiliary Variable (MSAV) Approach and Its Application to the Phase Field Vesicle Membrane Model	Abstracts p. 40
08:30-09:00	**Lei Zhang (Peking University, Peoples Rep of China)** Phase Field Modeling of Cell Polarity and Cell Delamination	Abstracts p. 41
09:00-09:30	**Zhang Yuze (The Hong Kong Polytechnic University, Hong Kong)** Thermodynamic-Consistent Multiple-Relaxation-Time Lattice Boltzmann Equation Model for Nonideal Fluids with Peng-Robinson Equation of State	Abstracts p. 40

Special Session **17**	**Nonlinear Elliptic and Parabolic Problems** Organizer(s): Sze-Bi Hsu, Julian Lopez-Gomez	**FC-103**
08:00-08:30	**Marie-Francoise Bidaut-Veron (University Francois Rabelais, Tours, France)** A Priori Estimates for Elliptic Equations with a Source Term Involving the Product of the Function and Its Gradient	Abstracts p. 59
08:30-09:00	**Jaeyoung Byeon (KAIST, Korea)** Asymptotic Behavior of a Least Energy Solution for Henon Equation with Neumann Boundary Condition	Abstracts p. 59
09:00-09:30	**Tai-Chia Lin (National Taiwan University, Taiwan)** Eigenvalue Estimate of Nonlinear Schrodinger Equations	Abstracts p. 61
09:30-10:00	**Daniel Daners (University of Sydney, Australia)** Global Dynamics of Generalized Logistic Equations	Abstracts p. 60

Special Session **18**	**Emergence and Dynamics of Patterns in Nonlinear Partial Differential Equations and Related Fields** Organizer(s): Danielle Hilhorst, Yoshihisa Morita, Junping Shi	**FC-203**
08:00-08:30	**Jerry L. Bona (University of Illinois at Chicago, USA)** Higher-Order, Unidirectional Models for Surface Water Waves. Resolution Into Solitary Waves	Abstracts p. 65
08:30-09:00	**Amy Novick-Cohen (Technion, Israel)** Motion by Surface Diffusion	Abstracts p. 70
09:00-09:30	**Alain Miranville (University of Poitiers, France)** Cahn-Hilliard Models with Logarithmic Nonlinear Terms	Abstracts p. 69
09:30-10:00	**Kota Ikeda (Meiji University, Japan)** Quasi-Periodic Solution in a Dynamical System for the Motion of a Single Particle	Abstracts p. 67

Special Session **20**	**Attractors and Their Applications** Organizer(s): Xiaoying Han, Tomas Caraballo, Meihua Yang	**FC-302**
08:00-08:30	**Kenneth K. Palmer (National Taiwan University, Taiwan)** Strongly Exponentially Separated Linear Systems	Abstracts p. 74
08:30-09:00	**Stefanie Sonner (Radboud University Nijmegen, Netherlands)** Expoenential Attractors for Random Dynamical Systems in Banach Spaces	Abstracts p. 74
09:00-09:30	**Juliana Pimentel (Universidade Federal do ABC, Brazil)** Semilinear Parabolic Equations with Unbounded Attractors	Abstracts p. 74
09:30-10:00	**Nazife Erkursun Ozcan (Hacettepe University, Turkey)** Attractors of Operator Sequences on KB-Spaces	Abstracts p. 73

Special Session **23**	**Stochastic Partial Differential Equations** Organizer(s): Benjamin Gess, Michael Röckner	**AM-305**
08:00-08:30	**Alexander Veretennikov (University of Leeds, England)** On Convergence of Discretisations for Filtering SPDEs	Abstracts p. 81
08:30-09:00	**Ngan K. Le (Monash University, Australia)** The Stochastic Landau-Lifshitz-Bloch Equation	Abstracts p. 80
09:00-09:30	**Fausto Gozzi (Luiss University, Roma, Italy)** Optimal Portfolio Problems Driven by Path Dependent SDEs	Abstracts p. 79
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Special Session **37**	**Nonlinear PDEs Modeling Fluid Dynamics** Organizer(s): Kazuo Yamazaki, Juan-Ming Yuan, Lizheng Tao, Jiahong Wu	**FC-402**
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09:00-09:30	**Adam Larios (University of Nebraska-Lincoln, USA)** Linear and Nonlinear Continuous Data Assimilation for Fluid Equations	Abstracts p. 120
09:30-10:00	**Quansen Jiu (Capital Normal University, Peoples Rep of China)** An Approximation of Riesz Transform and Its Application	Abstracts p. 119

Special Session **46**	**Dynamical Systems with Applications to Population Biology** Organizer(s): Yijun Lou, Hongying Shu, Xiang-Sheng Wang, Xiaotian Wu	**AM-304**
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09:00-09:30	**Wei Feng (University of North Carolina Wilmington, USA)** On a Reaction Diffusion Model for Competition Species with Allee Effects	Abstracts p. 133
09:30-10:00	**Weihua Ruan (Purdue University Northwest, USA)** Wavefront Solutions of Degenerate Quasilinear Reaction-Diffusion Systems with Mixed Quasi-Monotonicity	Abstracts p. 134

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09:30-10:00	**Dave Smith (Yale-NUS College, Singapore)** Nonlocal Problems for Linear Evolution Equations	Abstracts p. 145

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09:00-09:30	**Fucai Li (Nanjing University, Peoples Rep of China)** Incompressible Limit of the Degenerate Quantum Compressible Navier-Stokes Equations	Abstracts p. 164
09:30-10:00	**Yachun Li (Shanghai Jiao Tong University, Peoples Rep of China)** Well-Posedness of Radiation Hydrodynamics Equations	Abstracts p. 164

Special Session **60**	**Recent Trends in Nonlocal Nonlinear PDEs** Organizer(s): K. Sreenadh, Mousomi Bhakta, Phuoc Tai Nguyen	**MP-201**
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08:30-09:00	**Jacques Giacomoni (Université de Pau et des Pays de L'Adour, France)** Fractional Singular Problems	Abstracts p. 172
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09:30-10:00	**Daniel Spector (National Chiao Tung University, Taiwan)** Fractional Gradient Partial Differential Equations	Abstracts p. 173

Special Session **64**	**Delay Equations in Population Dynamics** Organizer(s): Gergely Rost, Philipp Getto, Yukihiko Nakata	**FC-504**
08:00-08:30	**Felicia Magpantay (Queen's University, Canada)** An Age-Structured Population Model with State-Dependent Time Delay	Abstracts p. 185
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09:00-09:30	**Philipp Getto (TU Dresden, Germany)** Stability Analysis for a Differential Equation with State-Dependent Delay	Abstracts p. 183
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Special Session **65**	**Propagation Dynamics in Nonlinear Evolution Systems** Organizer(s): Jian Fang, Xing Liang, Xiao-Qiang Zhao	**MP-301**
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08:30-09:00	**Yu Jin (University of Nebraska-Lincoln, USA)** Population Persistence in a Benthic-Drift River Environment	Abstracts p. 188
09:00-09:30	**Bingtuan Li (University of Louisville, USA)** Invasion Speeds in Microbial Systems with Toxin Production and Quorum Sensing	Abstracts p. 188
09:30-10:00	**Bendong Lou (Shanghai Normal University, Peoples Rep of China)** Entire Solutions of the Fisher-KPP Equation on the Half Line	Abstracts p. 188

Special Session **66**	**Nonlinear and Nonlocal Evolution PDEs** Organizer(s): Hantaek Bae, Rafael Granero-Belinchon	**FC-404**
08:00-08:30	**Vera Mikyoung Hur (University of Illinois at Urbana-Champaign, USA)** Breaking and Disintegration in Shallow Water Models	Abstracts p. 191
08:30-09:00	**David M. Ambrose (Drexel University, USA)** Convergence of a Boundary Integral Method for 3D Interfacial Flow with Surface Tension	Abstracts p. 449
09:00-09:30	**Jan Burczak (University of Oxford, Poland)** Fractional Patlak-Keller-Segel Equation	Abstracts p. 190

Special Session **69**	**Global Or/And Blowup Solutions for Nonlinear Evolution Equations and Their Applications** Organizer(s): Shaohua Chen, Ming Mei, Runzhang Xu	**FC-202**
08:00-08:30	**Xuxi Zhang (Harbin Engineering University, Peoples Rep of China)** Cooperative Output Regulation of Heterogenous Multi-Agent Systems Based on Passivity	Abstracts p. 198
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09:00-09:30	**Binlin Zhang (Heilongjiang Institute of Technology, Peoples Rep of China)** Local Existence and Blow-Up of Solutions for Nonlocal Kirchhoff Diffusion Problems	Abstracts p. 199
09:30-10:00	**Jianqing Chen (Fujian Normal University, Peoples Rep of China)** Initial Boundary Problem for a Class of Quasilinear Pseudo-Parabolic Equation with Nonlinear Source	Abstracts p. 196

Special Session **70**	**Lie Symmetries, Conservation Laws and Other Approaches in Solving Nonlinear Differential Equations** Organizer(s): Chaudry Masood Khalique, Muhammad Usman, Maria Luz Gandarias	**FC-403**
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08:30-09:00	**Mudassar Imran (Gulf University for Science and Technology, Kuwait)** A Model of Transmission Dynamics of Zika Fever with Horizontal, Vertical Transmission of Disease and Isolation	Abstracts p. 201
09:00-09:30	**Adnan Khan (Lahore University of Management Sciences, Pakistan)** A Novel Optimal Control Technique with Applications to Radiobiology	Abstracts p. 201
09:30-10:00	**Muhammad Safdar (NUST Islamabad, Pakistan)** Differential Invariants for a Class of Generalized Diffusion Equations	Abstracts p. 441

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08:30-09:00	**Stefania Patrizi (UT Austin, USA)** Heteroclinic Connections and Chaotic Orbits for Nonlocal Equations	Abstracts p. 217
09:00-09:30	**Patrick Van Meurs (Kanazawa University, Japan)** Overview of Discrete-To-Continuum Limit Passages of Nonlocally Interacting Particles in 1D	Abstracts p. 218
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09:00-09:30	**Reika Fukuizumi (Tohoku University, Japan)** Some Theoretical Studies on the Stochastic Gross-Pitaevskii Equation	Abstracts p. 220
09:30-10:00	**Bartosz Protas (McMaster University, Canada)** Computation of Ground States of the Gross-Pitaevskii Functional Via Riemannian Optimization	Abstracts p. 220

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08:00-08:30	**Masakazu Onitsuka (Okayama University of Science, Japan)** Best Constant in Hyers–Ulam Stability of First-Order Nonhomogeneous Linear Difference Equations with a Constant Stepsize	Abstracts p. 223
08:30-09:00	**Elvan Akin (Missouri S&T, USA)** Modeling the Dynamics of HIV-1 Decline in Patients on Protease Inhibitor Monotherapy on Time Scales	Abstracts p. 222
09:00-09:30	**Yoshihiro Hamaya (Okayama University of Science, Japan)** Periodic and Almost Periodic Solutions in Gross-Substitute Discrete Dynamical Systems	Abstracts p. 223
09:30-10:00	**Özkan Öztürk (Giresun University, Turkey)** Recent Advances on Nonoscillation of Two-Dimensional Time Scale Systems	Abstracts p. 224

Special Session **89**	**Advances in Analysis of Mathematical Problems Arising from Materials and Biological Science** Organizer(s): Toyohiko Aiki, Sander Hille, Adrian Muntean	**FC-304**
08:30-09:00	**Sergey Timoshin (SRM University AP, India)** Control Problem for a Concrete Carbonation Process with Hysteresis	Abstracts p. 249
09:00-09:30	**Toyohiko Aiki (Japan Women's University, Japan)** Weak Formulation of a Free Boundary Problem Describing Adsorption Phenomena Appearing Concrete Carbonation Process	Abstracts p. 246
09:30-10:00	**Antoine Zurek (Lille University, France)** Long Time Behavior of a Finite Volume Scheme for Concrete Carbonation Model	Abstracts p. 250

Special Session **93**	**Recent Trends in Nonlinear PDEs** Organizer(s): Isabella Ianni, Angela Pistoia, Giusi Vaira	**FC-501**
08:00-08:30	**Benedetta Pellacci (Università Della Campania "Luigi Vanvitelli", Italy)** Unbounded Non-Differentiable Functionals and Quasi-Linear Schroedinger Equations in Bounded Domains	Abstracts p. 255
08:30-09:00	**Hiroshi Ohtsuka (Kanazawa University, Japan)** On the Impulse Response for Solutions of Two-Dimensional Liouville Type Equations	Abstracts p. 255
09:00-09:30	**Luigi Montoro (UNICAL, Italy)** Monotonicity Properties of Solutions to Quasilinear Elliptic Equations in Half Spaces	Abstracts p. 254
09:30-10:00	**Federica Sani (Milano University, Italy)** Elliptic Equations in $\mathbb{R}^2$ with Exponential Growth and Vanishing Weights	Abstracts p. 255

Special Session **94**	**Fluid-Structure Interactions in Medicine and Biology: Modeling, Analysis, and Experiments** Organizer(s): Sookkyung Lim, Boyce Griffith	**FC-503**
08:00-08:30	**Sookkyung Lim (University of Cincinnati, USA)** Single-Flagellated Bacterial Swimming: Run, Reverse, and Flick	Abstracts p. 257
08:30-09:00	**Hoa Nguyen (Trinity University in San Antonio, USA)** Modeling Hydrodynamic Effects on Choanoflagellate Feeding	Abstracts p. 438
09:00-09:30	**Yunchang Seol (National Chiao-Tung University, Taiwan)** An Immersed Boundary Method for Simulating Vesicle Dynamics	Abstracts p. 258
09:30-10:00	**Luoding Zhu (Indiana University - Purdue University Indianapolis, USA)** Modeling and Simulation of Blood Flow Past the Distal Anastomosis of the Arteriovenous Graft for Hemodialysis	Abstracts p. 258

Special Session **100**	**Models and Numerical Methods in Kinetic Theory** Organizer(s): Giacomo Dimarco, Andrea Tosin, Mattia Zanella	**FC-505**
08:00-08:30	**Michael Herty (RWTH Aachen, Germany)** Control Concepts for Kinetic Equations	Abstracts p. 271
08:30-09:00	**Dante Kalise (Imperial College London, England)** Controlling Collective Dynamics: the Boltzmann-Bellman Approach	Abstracts p. 271
09:00-09:30	**Giacomo Albi (University of Verona, Italy)** Boltzmann Games in Heterogeneous Consensus Dynamics	Abstracts p. 269
09:30-10:00	**Young-Pil Choi (Inha University, Korea)** Mean-Field Limit for Collective Behavior Models with Sharp Sensitivity Regions	Abstracts p. 270

Special Session **101**	**Structure of Solutions for Nonlinear Elliptic Equations** Organizer(s): Satoshi Tanaka, Yuki Naito	**MP-501**
09:00-09:30	**Satoshi Tanaka (Okayama University of Science, Japan)** Symmetry-Breaking Bifurcation for the Moore-Nehari Differential Equation	Abstracts p. 277
09:30-10:00	**Naoki Shioji (Yokohama National University, Japan)** Total P-Powered Curvature of Closed Curves	Abstracts p. 277

Special Session **102**	**Asymptotics for Nonlinear Diffusion Equations and Related Topics** Organizer(s): Tatsuki Kawakami, Yohei Fujishima	**FC-502**
08:30-09:00	**Yannick Sire (Johns Hopkins University, USA)** Optimal Theory of Existence and Uniqueness for the Fractional Heat Equation	Abstracts p. 280
09:00-09:30	**Yohei Fujishima (Shizuoka University, Japan)** Global in Time Existence of Solutions for the Heat Equation with a Superlinear Source Term	Abstracts p. 279
09:30-10:00	**Tetsuya Ishiwata (Shibaura Institute of Technology, Japan)** Mathematical and Numerical Studies on Blow-Up Rate of Solutions to Some Quasilinear Parabolic Equation	Abstracts p. 279

Special Session **104**	**Recent Advances and Applications of Differential Equations** Organizer(s): Lingju Kong, Min Wang	**AM-202**
08:30-09:00	**Lingju Kong (University of Tennessee at Chattanooga, USA)** Degenerate Elliptic Systems with Variable Exponents	Abstracts p. 283
09:00-09:30	**Min Wang (Kennesaw State University, USA)** Existence of Solutions of a Fractional Compartment Model with Periodic Boundary Condition	Abstracts p. 284
09:30-10:00	**Elisa Sovrano (University of Udine, Italy)** Existence and Multiplicity of Periodic Solutions to Local Coercive Equations with a Φ-Laplacian Type Operator	Abstracts p. 284

Special Session **107**	**Optimal Control and Differential Games: Recent Developments in Theory and Applications** Organizer(s): Khai T. Nguyen, Hien T. Tran	**AM-101**
08:00-08:30	**Daniela Tonon (Paris Dauphine University, France)** Variational Analysis of Two Convex Optimization Problems in Duality Applied to Some Mean Field Game Systems	Abstracts p. 292
08:30-09:00	**H. Thomas Banks (N.C. State University, USA)** Optimal Control of Immunosuppressants in Renal Transplant Recipients Susceptible to BKV Infection	Abstracts p. 291
09:00-09:30	**Hee-Dae Kwon (Inha University, Korea)** Feedback Control of an HBV Model Based on Model Predictive Control and Kalman Filter	Abstracts p. 292
09:30-10:00	**Aurelio A de los Reyes V (Institute of Mathematics, University of the Philippines, Philippines)** Control of a Cardiovascular-Respiratory System Model, Sensitivity Analysis and Parameter Identification	Abstracts p. 291

Special Session **111**	**Nonlinear Evolution Equations** Organizer(s): Maria Pia Gualdani, Natasa Pavlovic	**MP-202**
08:00-08:30	**Juhi Jang (University of Southern California, USA)** The Kinetic Fokker-Planck Equation in Bounded Domains	Abstracts p. 301
08:30-09:00	**Nathan D. Totz (University of Miami, USA)** Global Flows with Invariant Measures for a Family of Almost Inviscid SQG Equations	Abstracts p. 303
09:00-09:30	**David M. Ambrose (Drexel University, USA)** Ill-Posedness of Truncated Series Models of Water Wave	Abstracts p. 300
09:30-10:00	**Chi Hin Chan (National Chiao Tung University, Taiwan)** Antithesis of the Stokes Paradox on the Hyperbolic Plane	Abstracts p. 300

Special Session **128**	**Recent Advances in the Calculus of Variations and Elliptic PDE** Organizer(s): Robin Neumayer, Connor Mooney	**MP-502**
08:00-08:30	**Filip Rindler (University of Warwick, England)** Liftings of BV-Maps and Lower Semicontinuity	Abstracts p. 332
08:30-09:00	**Norisuke Ioku (Ehime University, Japan)** Remark on a Sobolev Type Inequality in the Unit Ball	Abstracts p. 332
09:00-09:30	**Marco Barchiesi (University of Naples Federico II, Italy)** Stability of the Gaussian Isoperimetric Problem	Abstracts p. 331
09:30-10:00	**Matias G. Delgadino (Imperial College, Argentina)** Alexandrov Theorem Revisited	Abstracts p. 331

Special Session **130**	**Theoretical and Computational Analysis on Differential Equation Models** Organizer(s): Shangbin Cui, Yunfeng Jia, Bingtuan Li, Jianhua Wu	**AM-102**
08:00-08:30	**Shihe Xu (Zhaoqing University, Peoples Rep of China)** Analysis of a Free Boundary Problem for Tumor Growth with Gibbs-Thomson Relation and Time Delays	Abstracts p. 335
08:30-09:00	**Meng Bai (Zhaoqing University, Peoples Rep of China)** Analysis of Nonlinear Cell-Division Models	Abstracts p. 334
09:00-09:30	**Wei Wu (Qingdao Agricultural University, Peoples Rep of China)** On a Stochastic Coupled Kuramoto-Sivashinsky and Ginzburg-Landau-Type Model Driven by Multiplicative Noises for Marangoni Convection	Abstracts p. 335
09:30-10:00	**Xiongxiong Bao (Changan University, Peoples Rep of China)** Spreading Speeds and Linear Determinacy of Time Dependent Diffusive Cooperative/Competitive Systems	Abstracts p. 334

Special Session **132**	**Qualitative and Quantitative Techniques for Differential Equations Arising in Economics, Finance and Natural Sciences** Organizer(s): Rehana Naz, Imran Naeem, Rita Tracina	**MP-401**
08:00-08:30	**Ricardo Lopez-Ruiz (University of Zaragoza, Spain)** Some Gas-Like Models for Random Markets	Abstracts p. 342
08:30-09:00	**Johannes Lankeit (Paderborn University, Germany)** A Nonlocal Degenerate Parabolic Equation Arising in Game Theory	Abstracts p. 342
09:00-09:30	**Shuya Kanagawa (Tokyo City University, Japan)** Identification of Large Jumps in Daily Share Prices of Stock Index Using a Jump Diffusion Model	Abstracts p. 341
09:30-10:00	**Hiroshi Takahashi (Tokyo Gakugei University, Japan)** Parameter Estimated Standardized U-Statistics for Some Dependent Sequence	Abstracts p. 344

Special Session **137**	**Analysis of Nonlinear Flows** Organizer(s): Daneri Sara	**FC-301**
09:00-09:30	**Stefano Bianchini (SISSA, Italy)** A Uniqueness Result for the Decomposition of Vector Fields in R^{D+1}	Abstracts p. 351
09:30-10:00	**Paolo Bonicatto (University of Basel, Italy)** Untangling of Trajectories for Non-Smooth Vector Fields and Bressan's Compactness Conjecture	Abstracts p. 351

Special Session **144**	**Analytic Properties and Numerical Approximation of Differential Models Arising in Applications** Organizer(s): Cecilia Cavaterra, Elisabetta Rocca, Marita Thomas, Elena Bonetti	**MP-402**
08:00-08:30	**Filippo Dell Oro (Politecnico Di Milano, Italy)** A Semidiscrete Numerical Method for the Gurtin-Pipkin Equation	Abstracts p. 372
08:30-09:00	**Fei-Tsen Liang (Academia Sinica, Taiwan)** Capillary Surface in a Wedge	Abstracts p. 373
09:00-09:30	**Paolo Piovano (University of Vienna, Austria)** Analytical Validation of the Young-Dupré Law for Epitaxially-Strained Thin Films	Abstracts p. 374
09:30-10:00	**Maurizio Grasselli (Politecnico Di Milano, Italy)** Recent Results on the Nonlocal Cahn-Hilliard Equation	Abstracts p. 373

Special Session **145**	**Numerical Methods Involving Implicit Or Non Parametric Interfaces, and Point Clouds** Organizer(s): Annabelle Collin, Julien Dambrine, Catherine Kublik, Clair Poignard	**MP-603**
08:00-08:30	**Xianmin Xu (Chinese Academy of Sciences, Peoples Rep of China)** Trace Finite Element Methods for Partial Differential Equation on Evolving Surfaces	Abstracts p. 377
08:30-09:00	**Karel Svadlenka (Kyoto University, Japan)** On Some Extensions of Thresholding Schemes	Abstracts p. 377
09:00-09:30	**Elie Bretin (ICJ, INSA de Lyon, France)** Volume Reconstruction from Slices	Abstracts p. 376

Special Session **147**	**Structure Preserving Numerical Methods** Organizer(s): Molei Tao	**MP-302**
08:00-08:30	**Zaijiu Shang (Chinese Academy of Sciences, Peoples Rep of China)** Nonlinear Stability of Symplectic Numerical Integration	Abstracts p. 384
08:30-09:00	**Evan Gawlik (University of California, San Diego, USA)** Finite Element Exterior Calculus for Parabolic Problems on Evolving Surfaces	Abstracts p. 383
09:00-09:30	**Yajuan Sun (AMSS, CAS, Peoples Rep of China)** Numerical Simulation of Runaway Particles in Plasmas	Abstracts p. 384
09:30-10:00	**Francois Gay-Balmaz (CNRS Ecole Normale Superieure, France)** Towards a Geometric Variational Discretization of Compressible Fluids	Abstracts p. 384

Contributed Session **5**	**Scientific Computation and Numerical Algorithms** Chair: Patrick Weiss	**MP-602**
08:00-08:20	**Patrick Weiss (University Erlangen-Nuremberg, Germany)** On a Stable Numerical Scheme for Magnetic Nanoparticles in Incompressible Fluid	Abstracts p. 448
08:20-08:40	**Ping Yin (Jiangnan University, Peoples Rep of China)** A Smooth Fictitious Domain/Multiresolution Method for Elliptic Equations on General Domains	Abstracts p. 449
08:40-09:00	**David C. Ni (Direxion Technolgy, Taiwan)** Complex and Quaternion Maps of Blaschke Products	Abstracts p. 441
09:00-09:20	**Saurabh Kumar D. Katiyar (SRM Institue of Science and Technology, Kattankulathur, Kancheepuram District, Tamilnadu, India)** Constrained Data Visualization Using A-Fractal Rational Function	Abstracts p. 437
09:20-09:40	**Chengming Huang (Huazhong University of Science and Technology, Peoples Rep of China)** A Direct Quadrature Method for Auto-Convolution Volterra Integral Equations	Abstracts p. 435

Special Session **2**	**Control of Partial Differential Equations** Organizer(s): Jean-Michel Coron, Zhiqiang Wang, Xu Zhang	**FC-405**
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13:40-14:00	**Felix Sadyrbaev (Institute Mathematics, University of Latvia, Latvia)** Unboundedness of Solutions in Parameter Dependent Second Order Differential Equations	Abstracts p. 443
14:00-14:20	**Xiaohua Zhao (Zhejiang Normal University, Peoples Rep of China)** Conservative Lotka-Voterra Systems:Hamiltonian Structure and Dynamics	Abstracts p. 449
14:20-14:40	**Valery Gaiko (National Academy of Sciences of Belarus, Belarus)** Global Limit Cycle Bifurcations of Multi-Parameter Dynamical Systems	Abstracts p. 434

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Special Session **104**	**Recent Advances and Applications of Differential Equations** Organizer(s): Lingju Kong, Min Wang	**AM-202**
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15:30-16:00	**Daniel X. Guo (University of North Carolina Wilmington, USA)** High-Order Semi-Lagrangian Method for Incompressible Navier-Stokes Equations	Abstracts p. 320
16:00-16:30	**Daozhi Han (Missouri University of Science and Technology, USA)** Decoupled, Energy-Law Preserving Numerical Schemes for Cahn-Hilliard-Darcy Equations	Abstracts p. 321
16:30-17:00	**Chang-Yeol Jung (UNIST, Korea)** New Time Differencing Methods for Stiff Problems and Applications	Abstracts p. 435
17:00-17:30	**Lili Ju (University of South Carolina, USA)** Conservative Explicit Local Time-Stepping Schemes for the Shallow Water Equations	Abstracts p. 321
17:30-18:00	**Ming-Cheng Shiue (National Chiao Tung University, Taiwan)** Time-Stepping Numerical Schemes for Three-Dimensional Viscous Primitive Equations	Abstracts p. 321

Special Session **127**	**Dynamical Aspects of Diffusive Systems** Organizer(s): Goro Akagi, Eiji Yanagida	**FC-304**
15:30-16:00	**Fernando Quiros (Universidad Autonoma de Madrid, Spain)** Near-Field Asymptotics for the Porous Medium Equation in Low-Dimensional Exterior Domains	Abstracts p. 329
16:00-16:30	**Kin Ming Hui (Institute of Mathematics, Academia Sinica, Taiwan)** Asymptotic Behavior of Solutions of the Fast Diffusion Equation Near Its Extinction Time	Abstracts p. 328
16:30-17:00	**Yoshie Sugiyama (Osaka University, Japan)** Compactly Supported Stationary States of the Degenerate Keller-Segel System in the Difusion-Dominated Regime	Abstracts p. 329
17:00-17:30	**Hiroshi Matsuzawa (National Institute of Technology, Numazu College, Japan)** Spreading Profile of Solutions for a Free Boundary Problem of a Nonlinear Diffusion Equation with a Positive Bistable Nonlinearity	Abstracts p. 329
17:30-18:00	**Dmitry Vorotnikov (Universidade de Coimbra, Portugal)** Nonlinear Fokker-Planck Equations with Reaction	Abstracts p. 330

Special Session **132**	**Qualitative and Quantitative Techniques for Differential Equations Arising in Economics, Finance and Natural Sciences** Organizer(s): Rehana Naz, Imran Naeem, Rita Tracina	**MP-401**
15:30-16:00	**Molei Tao (Georgia Tech, USA)** Simply Improved Averaging of Coupled Oscillators and Weakly Nonlinear Waves	Abstracts p. 344
16:00-16:30	**Jianzhong Su (University of Texas-Arlington, USA)** Discontinuous Coefficient Diffusion Models of Neurotransmitter Release for Independent Synaptic Currents	Abstracts p. 344
16:30-17:00	**Marcela Molina Meyer (Universidad Carlos III, Spain)** Polar Differentiation Matrices and Applications	Abstracts p. 342
17:00-17:30	**Imran Naeem (Lahore University of Management Sciences, Pakistan)** First Integrals and Exact Solutions of Some Dynamical Systems	Abstracts p. 343
17:30-18:00	**Rehana Naz (Lahore School of Economics, Pakistan)** Exact Solutions Via Invariant Approach for Black-Scholes Model with Time-Dependent Parameters	Abstracts p. 343

Special Session **137**	**Analysis of Nonlinear Flows** Organizer(s): Daneri Sara	**FC-301**
15:30-16:00	**Anna L. Mazzucato (Penn State University, USA)** On the Two-Dimensional Kuramoto-Sivashinsky Equation	Abstracts p. 352
16:00-16:30	**Elio Marconi (University of Basel, Italy)** Regularity Estimates for Scalar Conservation Laws in One Space Dimension	Abstracts p. 352
16:30-17:00	**Christian Seis (University of Munster, Germany)** A Quantiative Approach to the DiPerna–Lions Theory for Transport Equations	Abstracts p. 353
17:00-17:30	**Stefano Modena (University of Leipzig, Germany)** Non-Uniqueness for the Transport Equation with Sobolev Vector Fields	Abstracts p. 352
17:30-18:00	**Nikolay A. Gusev (Moscow Institute of Physics and Technology, Russia)** On the Superposition Principle for Signed Measure-Valued Solutions of the Continuity Equation	Abstracts p. 352

Special Session **144**	**Analytic Properties and Numerical Approximation of Differential Models Arising in Applications** Organizer(s): Cecilia Cavaterra, Elisabetta Rocca, Marita Thomas, Elena Bonetti	**MP-402**
15:30-16:00	**Marco Morandotti (Technische Universitaet Muenchen, Germany)** Dimension Reduction in the Context of Structured Deformations	Abstracts p. 373
16:00-16:30	**Rodica Toader (University of Udine, Italy)** On a Model for Dynamic Crack Growth	Abstracts p. 374
16:30-17:00	**Andrea Giorgini (Politecnico Di Milano, Italy)** Some Recent Results on the Cahn-Hilliard-Hele-Shaw System	Abstracts p. 372
17:00-17:30	**Sergio Frigeri (Università Cattolica del Sacro Cuore, Brescia, Italy)** Recent Results on Some Nonlocal Diffuse-Interface Models for Incompressible Binary Fluids	Abstracts p. 372
17:30-18:00	**Fausto Gozzi (Luiss University, Roma, Italy)** Economic Growth with Heterogenous Space and Population: an Optimal Control Model of PDEs	Abstracts p. 373

Special Session **157**	**Recent Trends in Stochastic Analysis and Its Applications to Physics and Finance** Organizer(s): Carlos Escudero, Alvaro Correales	**MP-701**
15:30-16:00	**Xiangdong Li (Academy of Mathematics and Systems Science, Chinese Academy of Sciences, Peoples Rep of China)** W-Entropy Formulas and Langevin Deformation on Wasserstein Space Over Riemannian Manifolds	Abstracts p. 405
16:00-16:30	**Kazuhiro Kuwae (Fukuoka University, Japan)** Radial Processes on RCD* (K,N)-Spaces	Abstracts p. 405
16:30-17:00	**Carlos Escudero (Universidad Autonoma de Madrid, Spain)** Some New Thoughts on the Old Itô vs Stratonovich Dilemma and Its Resolution	Abstracts p. 404
17:00-17:30	**Yuki Sughiyama (The University of Tokyo, Japan)** Retrospective Approach for Age Structured Population Dynamics	Abstracts p. 405
17:30-18:00	**Alessandro Ferriero (UAM, Spain)** Optimal Strategies	Abstracts p. 404

Contributed Session **3**	**Modeling, Math Biology and Math Finance** Chair: Maria Soledad Aronna	**AM-304**
15:50-16:10	**Maria Soledad Aronna (Escola de Matematica Aplicada (FGV), Brazil)** State Estimation for Uncertain Time-Varying SIR-SI Epidemiological Model of a Vector-Borne Disease	Abstracts p. 428
16:10-16:30	**Eduard Campillo-Funollet (University of Sussex, England)** The Dynamics of Genome Replication: an Inverse Problem Approach	Abstracts p. 429
16:30-16:50	**Ozlem Defterli (Cankaya University, Turkey)** Advanced Regression Models for Complex Regulatory Systems with Applications: CMARS Versus MARS	Abstracts p. 432
16:50-17:10	**Po Hon Chau (The Chinese University of Hong Kong, Hong Kong)** A Systematic Iterative Method for Multi-Asset Constant Elasticity of Variance Spread Options	Abstracts p. 430
17:10-17:30	**Jiao Chen (Delft University of Technology, Netherlands)** A Cell-Based Model with Parameter Uncertainty Quantification Using Monte Carlo Simulations	Abstracts p. 430
17:30-17:50	**Nao Yamamoto (Hokkaido University, Japan)** Modeling the Time to Importation of Zika Virus at a Global Scale	Abstracts p. 448

Contributed Session **4**	**Control and Optimization** Chair: Andreea Bejenaru	**MP-203**
15:30-15:50	**Andreea Bejenaru (University Politehnica of Bucharest, Romania)** Optimal Control Problems for Stress Tensor in Plastic Plane Medium	Abstracts p. 429
15:50-16:10	**Han-Jung Chou (Academia Sinica, Taiwan)** Numerical Study of Hamilton-Jacobi-Bellman Equation for Time-Optimal Trajectory Generation of Dubins Vehicle	Abstracts p. 431
16:10-16:30	**Mikhail Turbin (Voronezh State University, Russia)** Optimal Feedback Control for 3D Bingham Fluid Motion Model	Abstracts p. 447
16:30-16:50	**Özkan Öztürk (Giresun University, Turkey)** Control of Mobile Robots on Time Scales	Abstracts p. 450
16:50-17:10	**Jaiok Roh (Hallym University, Korea)** The Properties of the Solutions for the Incompressible Flows on an Exterior Domain	Abstracts p. 443
17:10-17:30	**Teerapol Saleewong (King Mongkut's University of Technology Thonburi, Thailand)** Optimal Control Strategies for the Resurgence of Vaccine Preventable Diseases in Thailand	Abstracts p. 423
17:30-17:50	**John Sebastian Simon (University of the Philippines Baguio, Philippines)** Optimal Control on a Discrete Time Model for Tuberculosis	Abstracts p. 445
18:20-18:40	**Rajib Haloi (Tezpur University, India)** Approximate Controllability of a Nonlocal Quasilinear Differential Equations with Repeated Deviating Arguments	Abstracts p. 435

Special Session **6**	**Ergodic-Theoretical Techniques in Partial Differential Equations** Organizer(s): Sinisa Slijepcevic	**MP-501**
08:00-08:30	**Yi-Chiuan Chen (Academia Sinica, Taiwan)** Topological Horseshoes in Travelling Waves of Discretized Nonlinear Wave Equations	Abstracts p. 19
08:30-09:00	**Wen-Xin Qin (Soochow University, Peoples Rep of China)** Birkhoff and Non-Birkhoff Solutions for Monotone Recurrence Relations	Abstracts p. 19
09:00-09:30	**Davor Dragicevic (University of Rijeka, Croatia)** Periodic Approximation of Exceptional Lyapunov Exponents for Semi-Invertible Operator Cocycles	Abstracts p. 19
09:30-10:00	**Alex M. Blumenthal (University of Maryland, USA)** SRB Measures for Infinite-Dimensional Dynamical Systems with Potential Applications to PDE	Abstracts p. 19

Special Session **8**	**Propagation Phenomena in Reaction-Diffusion Systems** Organizer(s): Hirokazu Ninomiya, Masaharu Taniguchi	**FC-302**
08:00-08:30	**Hideo Ikeda (University of Toyama, Japan)** Complex Dynamics of Bifurcating Front Solutions in a Three-Component Reaction-Diffusion System	Abstracts p. 23
08:30-09:00	**Ming Mei (Champlain College and McGill University, Canada)** Global Stability of Critical Traveling Waves with Oscillations for Time-Delayed Reaction-Diffusion Equations	Abstracts p. 23
09:00-09:30	**Yukio Kan-On (Ehime University, Japan)** On Limit Systems and Their Solution Structure for the Shigesada-Kawasaki-Teramoto Model with Large Cross-Diffusion Rate	Abstracts p. 23
09:30-10:00	**Yoshihito Oshita (Okayama University, Japan)** Minimization Problems for the Energy Functional with a Generalized Nonlocal Term	Abstracts p. 24

Special Session **10**	**Nonlocal Nonlinear Partial Differential Equations and Applications** Organizer(s): Bruno Volzone, José Antonio Carrillo, Jinhuan Wang	**MP-503**
08:00-08:30	**Bruno Volzone (Università degli Studi di Napoli "Parthenope", Italy)** Long-Time Asymptotics for Nonlocal Porous Medium Equation with Absorption Or Convection	Abstracts p. 32
08:30-09:00	**Yoshie Sugiyama (Osaka University, Japan)** On the Structure of Solutions of Keller-Segel Systems with Sinks of Fluid	Abstracts p. 32
09:00-09:30	**Matias G. Delgadino (Imperial College, Argentina)** Minimisers and Critical Points of Aggregation Diffusion Equations	Abstracts p. 31
09:30-10:00	**Matteo Muratori (Politecnico Di Milano, Italy)** Fractional Porous Medium Equations: Well-Posedness and Asymptotics	Abstracts p. 32

Special Session **11**	**Dynamical System Modeling for Ecological Effects and Evolution of Dispersal in Biological Systems** Organizer(s): Adrian Lam, Robert Stephen Cantrell, Chris Cosner, Yuan Lou	**FC-203**
08:30-09:00	**Wei-Ming Ni (ECNU, Peoples Rep of China)** A Consumer-Resource Model in Population Dynamics	Abstracts p. 36
09:00-09:30	**Peter Hinow (University of Wisconsin - Milwaukee, USA)** Oscillations in the Near-Field Feeding Current of a Calanoid Copepod Are Useful for Particle Sensing	Abstracts p. 34
09:30-10:00	**Benlong Xu (Shanghai Normal University, Peoples Rep of China)** Invasion and Coexistence of Competition-Diffusion-Advection System with Heterogeneous Vs Homogeneous Resources	Abstracts p. 38

Special Session **14**	**Topological Nonlinear Analysis and Applications** Organizer(s): Zalman Balanov, Jianshe Yu, Slawomir Rybicki, Meymanat Farzamirad	**AM-101**
08:00-08:30	**Elisa Sovrano (University of Udine, Italy)** Ambrosetti-Prodi Type Result Under Local Coercivity Conditions	Abstracts p. 47
08:30-09:00	**Naoki Shioji (Yokohama National University, Japan)** Uniqueness of Positive Solutions of the Brezis-Nirenberg Problems in Thin Spherical Annular Domains and Its Application	Abstracts p. 47
09:00-09:30	**Zhiming Guo (Guangzhou University, Peoples Rep of China)** Variational Approaches to Periodic Solutions to Delay Differential Equations	Abstracts p. 46
09:30-10:00	**Zhan Zhou (Guangzhou University, Peoples Rep of China)** Homoclinic Solutions for Some Discrete Systems	Abstracts p. 48

Special Session **16**	**Stochastic Modeling in Biology, Phase Transitions and Fluid Dynamics: Theory and Approximation** Organizer(s): Tadahisa Funaki, Danielle Hilhorst, Roger Temam	**FC-303**
08:00-08:30	**Hendrik Weber (University of Warwick, England)** Metastability for Singular Stochastic PDE	Abstracts p. 57
08:30-09:00	**Masato Hoshino (Kyushu University, Japan)** A Relation Between Modeled Distributions and Paracontrolled Distributions	Abstracts p. 55
09:00-09:30	**Rongchan Zhu (Beijing Institute of Technology, Peoples Rep of China)** Conservative Stochastic Cahn-Hilliard Equation	Abstracts p. 58
09:30-10:00	**Xiangchan Zhu (Beijing Jiaotong University, Peoples Rep of China)** Stochastic Heat Equation with Values in a Riemannian Manifold: Non-Compact Case	Abstracts p. 57

Special Session **18**	**Emergence and Dynamics of Patterns in Nonlinear Partial Differential Equations and Related Fields** Organizer(s): Danielle Hilhorst, Yoshihisa Morita, Junping Shi	**FC-203**
08:00-08:30	**Yong-Jung Kim (KAIST, Korea)** Pattern of Predator-Prey System by Extinction Dynamics	Abstracts p. 68
08:30-09:00	**Marcel Oliver (Jacobs University, Germany)** Existence and Structure of Precipation Patterns in Fast-Reaction Limit of the Keller-Rubinow Model for Liesegang Rings	Abstracts p. 70
09:00-09:30	**Quentin Griette (Meiji University, Japan)** Concentration and Singular Waves in a Nonlocal Reaction-Diffusion Equation	Abstracts p. 66
09:30-10:00	**Takeo Ushijima (Tokyo University of Science, Japan)** On a Numerical Method for Estimating Blow-Up Rates for Nonlinear Evolution Equations	Abstracts p. 71

Special Session **26**	**Recent Trends in Navier-Stokes Equations, Euler Equations and Related Problems** Organizer(s): Sarka Necasova, Reimund Rautmann, Werner Varnhorn	**FC-202**
09:00-09:30	**Ken Abe (Osaka City University, Japan)** Global Well-Posedness of the Two-Dimensional Exterior Navier-Stokes Equations for Non-Decaying Data	Abstracts p. 88
09:30-10:00	**Hyeong-Ohk Bae (Ajou University, Korea)** Interior Regularity to the Steady Incompressible Fluids with Non-Standard Growth	Abstracts p. 88

Special Session **29**	**Nonlinear Evolution Equations and Related Topics** Organizer(s): Mitsuharu Otani, Tohru Ozawa	**MP-201**
08:00-08:30	**Keiichiro Kagawa (Waseda University, Japan)** On the Existence of the Global Solutions of the Viscous Cahn-Hilliard Equation	Abstracts p. 97
08:30-09:00	**Kosuke Kita (Waseda University, Japan)** On Some Parabolic Systems Arising from a Nuclear Reactor Model with Nonlinear Boundary Conditions	Abstracts p. 97
09:00-09:30	**Hidemitsu Wadade (Kanazawa University / Institute of Science and Engineering, Japan)** On a Maximizing Problem of the Sobolev Embedding Related to the Space of Bounded Variation	Abstracts p. 98
09:30-10:00	**Tatsuya Watanabe (Kyoto Sangyo University, Japan)** Stability Issues for the Nonlinear Schrodinger Equation Coupled with the Maxwell Equation	Abstracts p. 98

Special Session **30**	**Mathematical Modeling and Computation in Systems and Quantitative Biology** Organizer(s): Lei Zhang, Ching-Shan Chou, Qing Nie	**MP-403**
08:00-08:30	**Weitao Chen (University of California, Riverside, USA)** Coupled Mechanochemical Multiscale Model to Study the Growth Regulation and Morphogenesis During Tissue Development	Abstracts p. 99
08:30-09:00	**Huijing Du (University of Nebraska-Lincoln, USA)** Multiscale Modeling of Layer Formation in Epidermis	Abstracts p. **??**
09:00-09:30	**Hao Ge (Peking University, Peoples Rep of China)** Fluctuating-Rate Model of Single-Cell Dynamics and Its Applications	Abstracts p. 99
09:30-10:00	**Chunhe Li (Fudan University, Peoples Rep of China)** A Landscape View on the Interplay Between EMT and Cancer Metastasis	Abstracts p. 99

Special Session **31**	**Dissipative Systems and Applications** Organizer(s): Georg Hetzer, Wenxian Shen, Feng Cao, Lourdes Tello	**AM-202**
08:00-08:30	**Anotida Madzvamuse (University of Sussex, England)** Cross-Diffusion-Driven Instability for Reaction-Diffusion Systems on Evolving Domains and Surfaces: Models, Analysis and Simulations	Abstracts p. 103
08:30-09:00	**Mingji Zhang (New Mexico Institute of Mining and Technology, USA)** Geometric Singular Approach to Poisson-Nernst-Planck Models for Ionic Flows Through Membrane Channels: Effects from Ion Sizes	Abstracts p. 103
09:00-09:30	**Juan Francisco Padial (Universidad Politecnica de Madrid, Spain)** On a Nonlocal Evolution Interior Bernoulli-Type Problem	Abstracts p. 103

Special Session **32**	**Control and Optimization: New Developments and Applications** Organizer(s): Monica Motta, Alexander J. Zaslavski, Hong-Kun Xu, Jen-Chih Yao	**FC-504**
08:00-08:30	**Maria Soledad Aronna (Escola de Matematica Aplicada (FGV), Brazil)** Necessary Optimality Conditions for Impulsive Optimal Control Problems	Abstracts p. 105
08:30-09:00	**Tien Khai Nguyen (North Carolina State University, USA)** A Stochastic Model of Optimal Debt Management and Bankruptcy	Abstracts p. 107
09:00-09:30	**Leszek Gasinski (Jagiellonian University, Poland)** Recent Advances on Brezis-Nirenberg Type Theorems on Local Minimizers	Abstracts p. 428

Special Session **34**	**Modeling and Computational Methods for Dynamics on Networks and Their Applications** Organizer(s): Xiaojing Ye, Haomin Zhou	**MP-504**
08:00-08:30	**WenZhan Song (University of Georgia, USA)** Cyber-Physical Data Analytics and Security in Energy and Environment Systems	Abstracts p. 111
08:30-09:00	**Xiaojing Ye (Georgia State University, USA)** Deep Mean Field Games on Graphs for Population Behavior Modeling	Abstracts p. 112
09:00-09:30	**Richard Tsai (The University of Texas at Austin, USA)** Autonomous Visual Exploration of Unknown Domains Aided by Machine Learning	Abstracts p. 111
09:30-10:00	**Yunmei Chen (University of Florida, USA)** Decentralized Consensus Algorithms for Distributed Optimization	Abstracts p. 110

Special Session **36**	**Analytical and Numerical Approaches in Soliton Theory** Organizer(s): Michail Todorov, Rossen Ivanov	**MP-701**
08:00-08:30	**Alexander Kurganov (Southern University of Science and Technology, China and Tulane University, USA, Peoples Rep of China)** Semi-Discrete Central-Upwind Schemes for Elasticity in Heterogeneous Media	Abstracts p. 116
08:30-09:00	**Hidekazu Tsuji (Kyushu University, Japan)** Numerical Study of Nonlinear Wave Equation Using Lattice Boltzmann Method	Abstracts p. 118
09:00-09:30	**Michail Todorov (Technical University of Sofia, Bulgaria)** Long-Time Evolution and Interaction of Localized Solutions of Nonlinear Wave and Envelope Systems. Consistency Vs. Integrability	Abstracts p. 118
09:30-10:00	**Amin Chabchoub (The University of Sydney, Australia)** The Modelling of Hydrodynamic Solitons and Breathers	Abstracts p. 116

Special Session **45**	**Randomness Meets Life** Organizer(s): Jasminee Foo, Peter Hinow, Blerta Shtylla	**AM-305**
08:00-08:30	**Xiaoying Han (Auburn University, USA)** Dynamics of Zika Virus Epidemic Under Random Environments	Abstracts p. 130
08:30-09:00	**Jacek J. Banasiak (University of Pretoria, So Africa)** Structured Population with Fast Dynamics - Patches and Networks	Abstracts p. 129
09:00-09:30	**Yusuke Asai (Hokkaido University, Japan)** Numerical Methods for Random Ordinary Differential Equations with Time Delay	Abstracts p. 129
09:30-10:00	**Anastasios Matzavinos (Brown University, USA)** Bayesian Uncertainty Quantification for Particle-Based Simulation of Lipid Bilayer Membranes	Abstracts p. 444

Special Session **49**	**Integrable Systems and Their Applications** Organizer(s): Bao-Feng Feng, Jyh-Hao Lee, Ken-Ichi Maruno, Peter Miller	**FC-204**
08:00-08:30	**Robert Buckingham (University of Cincinnati, USA)** Nonintersecting Brownian Bridges on the Unit Circle with Drift	Abstracts p. 142
08:30-09:00	**Anton Dzhamay (University of Northern Colorado, USA)** Gap Probabilities in Q-Racah Tiling Model and Discrete Painlevé Equations	Abstracts p. 142
09:00-09:30	**Peter D. Miller (University of Michigan, USA)** Rational Solutions of the Painlevé-III Equation	Abstracts p. 144
09:30-10:00	**Yuji Kodama (The Ohio State University, USA)** Generalized Hypergeometric Functions and Integrable Hydrodynamic Type Equations	Abstracts p. 143

Special Session **50**	**Recent Advances of Differential Equations with Applications in Life Sciences** Organizer(s): Ping Liu, Ying Su, Fengqi Yi	**MP-501**
09:00-09:30	**Yuxin Zhang (Harbin Engineering University, Peoples Rep of China)** Dynamical Behaviors of the Diffusive SIR Model Describing the Rabies Epidemic Disease: Shadow System Approach	Abstracts p. 149

Special Session **51**	**Recent Developments in Conservation Laws and Related Topics** Organizer(s): Dongjuan Niu, Ronghua Pan, Dehua Wang	**MP-401**
08:30-09:00	**Quansen Jiu (Capital Normal University, Peoples Rep of China)** MHD Equations with Partial Viscosity	Abstracts p. 150
09:00-09:30	**Dongjuan Niu (Capital Normal University, Peoples Rep of China)** Some Results on Incompressible Flows with Helical Symmetry	Abstracts p. 150
09:30-10:00	**Ming Mei (Champlain College and McGill University, Canada)** Euler-Poisson Equations of Semiconductor Model with Sonic Boundary	Abstracts p. 150

Special Session **55**	**Advances in Analysis and Geometry of Nonlinear Waves and Integrable Systems** Organizer(s): Changzheng Qu, Ming Chen	**FC-403**
08:30-09:00	**Ji Lin (Zhejiang Normal University, Peoples Rep of China)** Exact Solutions of Few-Cycle Pulses in Nonlinear Media	Abstracts p. 158
09:00-09:30	**Guofu Yu (Shanghai Jiao Tong University, Peoples Rep of China)** On the Modified Coupled Dispersionless Equations and The Modified Short Pulse Equation	Abstracts p. 159
09:30-10:00	**Chaozhong Wu (Sun Yat-Sen University, Peoples Rep of China)** Drinfeld–Sokolov Hierarchies of Twisted Type, Revisited	Abstracts p. 158

Special Session **66**	**Nonlinear and Nonlocal Evolution PDEs** Organizer(s): Hantaek Bae, Rafael Granero-Belinchon	**FC-404**
08:00-08:30	**Ching-Hsiao Cheng (National Central University, Taiwan)** Stokes Expansions and Asymptotic Models of Water Waves	Abstracts p. 190
08:30-09:00	**Yong Yu (The Chinese University of Hong Kong, Hong Kong)** Global Solutions to the Simplified Ericksen Leslie System	Abstracts p. 192
09:00-09:30	**Gabriele Bruell (Karlsruhe Institute of Technology, Germany)** A Nonlocal Approach for Waves of Maximal Height for the Reduced Ostrovsky Equation	Abstracts p. 190

Special Session **72**	**Recent Developments in Problems of Fluid Mechanics** Organizer(s): Chaudry Masood Khalique, Asim Aziz, Noreen S. Akbar	**MP-502**
08:00-08:30	**Asim Aziz (NUST, Pakistan)** The Shape Effects on Heat Transfer and Entropy of MHD Casson Nanofluid Over a Stretching Surface with Slip Condition, Thermal Radiation and Variable Thermal Conductivity	Abstracts p. 206
08:30-09:00	**Javed Siddique (Penn State University, USA)** Non-Newtonian Flow in Deformable Porous Media: Modeling and Simulations for Compression Molding Processes	Abstracts p. 207
09:00-09:30	**Wasim Jamshed (Capital University of Science and Technology, Pakistan)** Heat Transfer and Entropy Analysis of Powell-Eyring Nanofluid Over a Stretching Surface Using Slip and Cattaneo-Christov Heat Flux Model	Abstracts p. 206

Special Session **78**	**Advances in Qualitative Theory of Differential, Difference and Dynamic Equations** Organizer(s): Elvan Akin, Billur Kaymakcalan, Agacik Zafer	**FC-401**
08:00-08:30	**Yuriy Rogovchenko (University of Agder, Norway)** Non-Monotonic Solutions to Nonlinear Second-Order Differential Equations with Damping	Abstracts p. 224
08:30-09:00	**Naoto Yamaoka (Osaka Prefecture University, Japan)** Oscillation Problems for Second-Order Nonlinear Dynamic Equations of Euler Type on Time Scales	Abstracts p. 224
09:00-09:30	**Christopher C. Green (Macquarie University, Australia)** Harmonic Measure Distribution Functions for a Class of Multiply Connected Symmetrical Slit Domains	Abstracts p. 222

Special Session **79**	**Monte Carlo Methods** Organizer(s): Kody Law, Ajay Jasra, Kengo Kamatani	**MP-302**
08:00-08:30	**Kengo Kamatani (Osaka University, Japan)** Reversible Proposal MCMC with Heavy-Tailed Target Distributions	Abstracts p. 226
08:30-09:00	**Petr Plechac (University of Delaware, USA)** Parallel Replica Dynamics for Sampling and Sensitivity Analysis of Multi-Scale Stochastic Reaction Networks	Abstracts p. 226
09:00-09:30	**Tan Bui-Thanh (The University of Texas at Austin, USA)** An Efficient Sequential Discrete Optimal Transport Method for Bayesian Inverse Problems	Abstracts p. 225
09:30-10:00	**Simon L. Cotter (University of Manchester, England)** Transport Map-Accelerated Adaptive Importance Sampling	Abstracts p. 225

Special Session **88**	**Geometric Analysis** Organizer(s): Paul Laurain, Jorge Lira, Luciano Mari	**MP-702**
08:00-08:30	**Ilaria Mondello (Université de Paris-Est Creteil, France)** Stratified Spaces and Synthetic Curvature Bounds	Abstracts p. 244
08:30-09:00	**Sergio Almaraz (Universidade Federal Fluminense (UFF), Brazil)** The Mass of Asymptotically Hyperbolic Manifolds with Non-Compact Boundary	Abstracts p. 244
09:00-09:30	**Berardino Sciunzi (UNICAZ, Italy)** On the Moving Plane Method	Abstracts p. 245

Special Session **93**	**Recent Trends in Nonlinear PDEs** Organizer(s): Isabella Ianni, Angela Pistoia, Giusi Vaira	**FC-501**
08:00-08:30	**Luca Battaglia (Roma Tre University, Italy)** Blow Up Phenomena for Liouville Systems	Abstracts p. 254
08:30-09:00	**Alessio Fiscella (Universidade Estadual de Campinas, Brazil)** On Fractional Kirchhoff Problems Involving Singular and Critical Terms	Abstracts p. 254
09:00-09:30	**Filippo Morabito (KAIST, Korea)** Asymptotically Radial Solutions to an Elliptic Problem on Expanding Annular Domains in Riemannian Manifolds with Radial Symmetry	Abstracts p. 254
09:30-10:00	**Patrizia Pucci (University of Perugia, Italy)** Quasilinear Elliptic (P, Q) Systems: New Results and Open Questions	Abstracts p. 255

Special Session **95**	**Kinetic and Related Equations: Collisions, Mean Field, and Organized Motion** Organizer(s): Hung-Wen Kuo, Kazuo Aoki, Seok-Bae Yun, Young-Pil Choi	**FC-201**
08:00-08:30	**Stephane Brull (Institut des Mathematiques de Bordeaux, France)** A Kinetic Approach of the Non Conservative Bitemperature Model	Abstracts p. 259
08:30-09:00	**Shinya Nishibata (Tokyo Institute of Technology, Japan)** Asymptotic Stability of a Rarefaction Wave for a Symmetric System of Hyperbolic-Parabolic Coupled Equations	Abstracts p. 261
09:00-09:30	**Haitao Wang (Shanghai Jiao Tong University, Peoples Rep of China)** Pointwise Estimate of the Linearized Boltzmann Equation	Abstracts p. 262
09:30-10:00	**Shih-Hsien Yu (National University of Singapore, Singapore)** Contact Discontinuity for Compressible Navier-Stokes Equation	Abstracts p. 262

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08:30-09:00	**Mio Horai (Isegakuen High School, Japan)** The Global Optimization Algorithm for the Sum of the Certain Nonlinear Nonconvex Functions	Abstracts p. 263
09:00-09:30	**Shuya Kanagawa (Tokyo City University, Japan)** Estimation of Volatility of Share Prices of Stock Index Using a Jump Diffusion Model	Abstracts p. 263
09:30-10:00	**Mitsuhiro Namekawa (Kaetsu University, Japan)** Road Traffic Simulation System Using Bird's Eye View Images by Image Recognition	Abstracts p. 263

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09:30-10:00	**Gou Nakamura (Aichi Institute of Technology, Japan)** Hyperbolic Surfaces with the Largest Maximal Injectivity Radius	Abstracts p. 266

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09:00-09:30	**Jin Liang (Tongji University, Peoples Rep of China)** Free Boundary and Travling Wave in Credit Rating Migration	Abstracts p. 267

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09:00-09:30	**Ewelina Zatorska (University College London, England)** Transport of Congestion in Two-Phase Compressible/Incompressible Flow	Abstracts p. 274
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09:00-09:30	**Masaharu Taniguchi (Okayama University, Japan)** Multidimensional Traveling Fronts in Reaction-Diffusion Equations	Abstracts p. 310
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Special Session **123**	**Asymptotic Theory in Probability and Statistical Physics** Organizer(s): Qi-Man Shao, Wei-Kuo Chen	**MP-603**
08:00-08:30	**Antonio Auffinger (Northwestern University, USA)** Some Recent Progress in Mean Field Spin Glasses	Abstracts p. 318
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09:00-09:30	**Lung-Chi Chen (National Cheng-Chi University, Taiwan)** Critical Two-Point Function for Long-Range Self-Avoiding Walks with Power-Law Couplings: the Marginal Case for $d \geq 4$	Abstracts p. 318
09:30-10:00	**Yu-Ting Chen (University of Tennessee, USA)** Limiting Mean-Field Diffusions in Spatial Death-Birth Models	Abstracts p. 318

Special Session **125**	**Theoretical and Numerical Advances in Classical and Geophysical Fluid Dynamics** Organizer(s): Qingshan Chen, Ming-Cheng Shiue	**MP-301**
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09:00-09:30	**Djoko Wirosoetisno (Durham University, UK, England)** Navier-Stokes Equations on the Beta Plane: Degrees of Freedom	Abstracts p. 322
09:30-10:00	**Nathan Glatt-Holtz (Tulane University, USA)** Stochastic Models for Turbulent Convection	Abstracts p. 320

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08:30-09:00	**Haruyoshi Tanaka (Wakayama Medical University, Japan)** Convergence of the Gibbs Measures of Perturbed Graph Iterated Functions Systems with Degeneration	Abstracts p. 326
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09:30-10:00	**Nazife Erkursun Ozcan (Hacettepe University, Turkey)** Asymptotic Properties and Perturbations of Markov Operators on Based Norm Spaces	Abstracts p. 323

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08:30-09:00	**Claudio A. Munoz (University of Chile, Chile)** Breathers and The Dynamics of Solutions to the KdV Type Equations	Abstracts p. 355
09:00-09:30	**Marie-Francoise Bidaut-Veron (University Francois Rabelais, Tours, France)** Ground States of Elliptic Equations with Competition Between Power and Gradient Terms	Abstracts p. 354
09:30-10:00	**Fabio Zanolin (University of Udine, Italy)** Existence Results for Nonlinear Boundary Value Problems with a Sign-Indefinite Weight	Abstracts p. 356

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08:30-09:00	**Vladimir Bobkov (University of West Bohemia, Czech Rep)** On Exact Pleijel's Constant for Some Domains	Abstracts p. 390
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14:00-14:30	**Ana L. Silvestre (Instituto Superior Técnico, Universidade de Lisboa, Portugal)** Boundary Control of a Self-Propelled Body in a Navier-Stokes Liquid	Abstracts p. 90
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15:00-15:30	**Tianyi Wang (Wuhan University of Technology, Peoples Rep of China)** On Steady Euler Flows with Large Vorticity and Characteristic Discontinuities	Abstracts p. 151

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Special Session **72**	**Recent Developments in Problems of Fluid Mechanics** Organizer(s): Chaudry Masood Khalique, Asim Aziz, Noreen S. Akbar	**MP-502**
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15:00-15:30	**Zhiwu Lin (Georgia Institute of Technology, USA)** Turning Point Principle for the Stability of Stellar Models	Abstracts p. 253

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14:00-14:30	**Kimiaki Shinkai (Tokyo Kasei Gakuin University, Japan)** Sociometry Analysis Applying Fuzzy Graph Theory and Fuzzy Core Index Method	Abstracts p. 264
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14:30-15:00	**Kentaro Hirata (Hiroshima University, Japan)** Removable Isolated Boundary Singularities of Positive Solutions of Semilinear Elliptic Equations in a Lipschitz Domain	Abstracts p. 265
15:00-15:30	**Jun Masamune (Hokkaido University, Japan)** A Generalized Conservation Property of Brownian Motion with Killing Inside	Abstracts p. 265

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16:30-17:00	**Yuzuru Inahama (Kyushu University, Japan)** Heat Trace Asymptotics for Equiregular Sub-Riemannian Manifolds	Abstracts p. 213
17:00-17:30	**Noufel N. Frikha (University Paris Diderot, France)** Well-Posedness for Some Non-Linear Diffusion Processes and Related PDE on the Wasserstein Space	Abstracts p. 212
17:30-18:00	**Naotaka Kajino (Kobe University, Japan)** The Laplacian on Circle Packing Fractals: from Kesten's Renewal Theorem, Via Conformal Dynamics, to Weyl's Eigenvalue Asymptotics	Abstracts p. 213

Special Session **79**	**Monte Carlo Methods** Organizer(s): Kody Law, Ajay Jasra, Kengo Kamatani	**MP-302**
16:00-16:30	**Frances Y. Kuo (UNSW Sydney, Australia)** Lifting the Curse of Dimensionality by Quasi-Monte Carlo Methods	Abstracts p. 226
16:30-17:00	**Dirk Nuyens (KU Leuven, Belgium)** Quasi-Monte Carlo Methods in Uncertainty Quantification	Abstracts p. 226
17:00-17:30	**Vasileios Maroulas (University of Tennessee, USA)** Nonparametric Estimation of Probability Density Functions of Random Persistence Diagrams	Abstracts p. 226

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16:00-16:30	**Isabella Ianni (Università degli Studi della Campania, Italy)** Multiplicity Results and Qualitative Properties for the Lane-Emden Problem	Abstracts p. 228
16:30-17:00	**Giusi Vaira (University of Campania Luigi Vanvitelli, Italy)** Sign-Changing Solutions for Critical Equations with Hardy Potential	Abstracts p. 229
17:00-17:30	**Stella Maria Piro (Vernier) (University of Cagliari, Italy)** Hölder Regularity for Bounded Solutions to a Class of Anisotropic Elliptic Equations by Using a Parabolic Approach	Abstracts p. 229
17:30-18:00	**Maria Medina (Pontificia Universidad Catolica de Chile, Chile)** A Maximal Nondegenerate Sign Changing Solution for the Yamabe Problem	Abstracts p. 228
18:00-18:30	**Runzhang Xu (Harbin Engineering University, Peoples Rep of China)** Finite Time Blowup for Nonlinear Klein Gordon Equations with Arbitrarily Positive Initial Energy	Abstracts p. 229

Special Session **95**	**Kinetic and Related Equations: Collisions, Mean Field, and Organized Motion** Organizer(s): Hung-Wen Kuo, Kazuo Aoki, Seok-Bae Yun, Young-Pil Choi	**FC-201**
16:00-16:30	**I-Kun Chen (National Taiwan University, Taiwan)** Regularity for Diffuse Reflection Boundary Problem to the Stationary Linearized Boltzmann Equation in a Convex Domain	Abstracts p. 259
16:30-17:00	**Jin Woo Jang (IBS - Center for Geometry and Physics, Korea)** Asymptotic Stability of the Relativistic Boltzmann Equation for Soft Potentials Without Angular Cut-Off	Abstracts p. 260
17:00-17:30	**Luc Mieussens (University of Bordeaux, France)** A BGK Model for Polyatomic Gas Flows at High Temperature	Abstracts p. 261
17:30-18:00	**Satoshi Taguchi (Kyoto University, Japan)** Cross-Coupling Effect in a Slow Rarefied Flow Past a Heated Sphere	Abstracts p. 261

Special Session **97**	**Analysis and Dynamics on Boundaries of Manifolds and Related Topics** Organizer(s): Hiroshige Shiga, Hiroaki Aikawa	**MP-202**
16:00-16:30	**Kiyoki Tanaka (Daido University, Japan)** Estimate for the Weighted Polyharmonic Bergman Kernel and Its Application	Abstracts p. 266
16:30-17:00	**Masaharu Nishio (Osaka City University, Japan)** Reproducing Kernels with Respect to Function Spaces of Polyharmonic and Polyparabolic Functions	Abstracts p. 266

Special Session **99**	**Problems and Challenges in Financial Engineering and Risk Managment** Organizer(s): Hong-Ming Yin, Jin Liang, Kenneth K. Palmer	**FC-301**
16:00-16:30	**Yong Hyun Shin (Sookmyung Women's University, Korea)** Optimal Consumption/Investment and Retirement with Necessities and Luxuries	Abstracts p. 268
16:30-17:00	**Chuan-Ju Wang (Academia Sinica, Taiwan)** Optimal Search for Parameters in Monte Carlo Simulation for Derivative Pricing	Abstracts p. 268
17:00-17:30	**Yuh-Dauh Lyuu (National Taiwan University, Taiwan)** Stability Analysis of Local Volatility Model	Abstracts p. 267
17:30-18:00	**Ping Li (Beihang University, Peoples Rep of China)** Robust Portfolio Selection Using Dynamic Copulas	Abstracts p. 267

Special Session **105**	**Nonlinear Functional Analysis and Its Applications to Nonlinear Elliptic Equations/Fractional Laplacian Equations/Integral Equations** Organizer(s): Mei Yu, Qianqiao Guo, Wenxiong Chen	**MP-403**
16:30-17:00	**Zhongxue Lv (Jiangsu Normal University, Peoples Rep of China)** The Properties of Positive Solutions to Nonlinear Fractional Schodinger System with Three Wave Interaction	Abstracts p. 285
17:00-17:30	**Jiankang Xia (Northwestern Polytechnical University, Peoples Rep of China)** On the Existence of Groundstate for Nonlinear Choquard Equation with Lower Critical Exponent	Abstracts p. 286
17:30-18:00	**Manseob Lee (Mokwon University, Korea)** Various Shadowing Properties for Partial Hyperbolicity	Abstracts p. 285
18:00-18:30	**Jumi Oh (Sungkyunkwan University, Korea)** Weak Measure Expansive Homoclinic Classes of C^1 Robust Vector Fields	Abstracts p. 285

Special Session **114**	**Electrodiffusion and Ion Channel Problems: Modeling, Analysis, and Numerics** Organizer(s): Tai-Chia Lin, Chun Liu, Weishi Liu	**AM-304**
16:00-16:30	**Chia-Yu Hsieh (National Center for Theoretical Sciences, Taiwan)** Poisson-Nernst-Planck Models with Singular Permanent Charges	Abstracts p. 304
16:30-17:00	**Mingji Zhang (New Mexico Institute of Mining and Technology, USA)** Qualitative Properties of Ionic Flows Via Poisson-Nernst-Planck Models: Selectivity of Cations	Abstracts p. 305
17:00-17:30	**Shuguan Ji (Jilin University, Peoples Rep of China)** Flux Ratios and Channel Structures Via Poisson-Nernst-Planck Systems	Abstracts p. 304
17:30-18:00	**Hai-Yang Jin (South China University of Technology, Peoples Rep of China)** On the Predator-Prey Systems with Nonrandom Motion	Abstracts p. 305

Special Session **116**	**Recent Advances on Numerical Methods and Applications of Phase-Field Methods** Organizer(s): Chuanju Xu, Mejdi Azaiez, Jie Shen	**FC-502**
16:00-16:30	**Chun Liu (Illinois Institute of Technology, USA)** Thermal Effects in General Diffusions	Abstracts p. 429
16:30-17:00	**Alain Miranville (University of Poitiers, France)** The Cahn-Hilliard Equation in Image Inpainting	Abstracts p. 307
17:00-17:30	**Tiezheng Qian (Hong Kong University of Science and Technology, Hong Kong)** Modeling and Simulation of Drops, Bubbles and Moving Contact Lines Using the Dynamic Van Der Waals Theory	Abstracts p. 307
17:30-18:00	**Xiaoming Wang (Fudan University and Florida State University, Peoples Rep of China)** Accurate and Efficient Numerical Methods for Coupled Surface-Groundwater Flow	Abstracts p. 440

Special Session **117**	**Propagation Phenomena and Nonlinear Free Boundary Problems** Organizer(s): Yihong Du, Bendong Lou, Maolin Zhou	**FC-405**
16:00-16:30	**Inkyung Ahn (Korea University, Korea)** A Logistic Model with Starvation-Driven Dispersal Under a Free Boundary	Abstracts p. 308
16:30-17:00	**Yoshihisa Morita (Ryukoku University, Japan)** Entire Solutions of Reaction-Diffusion Equations in Multiple Semi-Infinite Intervals with a Junction	Abstracts p. 309
17:00-17:30	**Hiroshi Matsuzawa (National Institute of Technology, Numazu College, Japan)** Spreading and Vanishing in a Free Boundary Problem for Nonlinear Diffusion Equations with a Given Forced Moving Boundary	Abstracts p. 309
17:30-18:00	**Zhiguo Wang (Shaanxi Normal University, Peoples Rep of China)** Spatial Propagation for a Predator-Prey Model Via a Moving Boundary Formalism	Abstracts p. 310
18:00-18:30	**Ningkui Sun (Shandong NormalUniversity, Peoples Rep of China)** Fisher-KPP Equation with Free Boundaries and Time-Periodic Advections	Abstracts p. 310

Special Session **126**	**Ergodic Theory and Dynamical Systems** Organizer(s): Scott Kaschner, Tamara Kucherenko, Hiroki Sumi	**FC-103**
16:00-16:30	**Kenichiro Yamamoto (Nagaoka University of Technology, Japan)** Large Deviations for Systems with Non-Dense Ergodic Measures	Abstracts p. 327
16:30-17:00	**Hiroki Takahasi (Keio University, Japan)** Large Deviation Principles for Countable Markov Shifts	Abstracts p. 326
17:00-17:30	**Yong Moo Chung (Hiroshima University, Japan)** Large Deviation Principle for Unimodal Maps with Flat Critical Point	Abstracts p. 323

Special Session **138**	**Qualitative and Quantitative Properties of Quasilinear Elliptic and Parabolic Equations and Systems** Organizer(s): Raul Manasevich, Marta Garcia-Huidobro	**MP-203**
16:00-16:30	**Marta Garcia-Huidobro (Pontificia Universidad Catolica de Chile, Chile)** Some Results Concerning the Uniqueness of Sign Changing Bound State Solutions of a Weighted Semilinear Equation	Abstracts p. 354
16:30-17:00	**Tai Nguyen (Masaryk University, Czech Rep)** Elliptic Equations with Hardy Potential and Gradient Nonlinearity	Abstracts p. 355
17:00-17:30	**Nikola Kamburov (Pontificia Universidad Catolica de Chile, Chile)** On Positive Solutions of the Lane-Emden Equation in the Plane	Abstracts p. 355
17:30-18:00	**Matias Courdurier (Universidad Catolica de Chile, Chile)** Construction of Solutions for Some Localized Nonlinear Schrödinger Equations	Abstracts p. 354
18:00-18:30	**Raul Manasevich (University of Chile, Chile)** Some Nonlinear Systems of PDE Arising in Crime Modeling	Abstracts p. 355

Special Session **153**	**Mathematical Foundations of Computing** Organizer(s): Zhipeng Cai, Xiuzhen Cheng, Jiguo Yu	**MP-201**
16:00-16:30	**Gaofei Sun (Changshu Institute of Technology, Peoples Rep of China)** Data Uploading Mechanism for Internet of Things with Energy Harvesting	Abstracts p. 394
16:30-17:00	**Zhiguo Wan (Shandong University, Peoples Rep of China)** BKI: a Decentralized and Accountable Public-Key Infrastructure Based on Blockchain	Abstracts p. 395
17:00-17:30	**Xiaoshuang Xing (Changshu Institute of Technology, Peoples Rep of China)** Cooperative Jamming Based Communication Information Leakage Resolution in Vehicular Networks	Abstracts p. 395

Special Session **154**	**Analysis and Simulation of Equations for Multiscale Physics** Organizer(s): Yuan Gao, Zhennan Zhou	**MP-402**
16:30-17:00	**Yi Zhu (Tsinghua University, Peoples Rep of China)** Analysis and Computation of Topological Photonics	Abstracts p. 397
17:00-17:30	**Zhennan Zhou (Peking University, Peoples Rep of China)** Towards a Mathematical Understanding of Surface Hopping Methods	Abstracts p. 397
17:30-18:00	**Wenjia Jing (Tsinghua University, Peoples Rep of China)** Volume Scattering by Sea Ice	Abstracts p. 396

Special Session **155**	**Numerical Methods for Functional Equations** Organizer(s): Qiumei Huang, Dongfang Li, Yin Yang	**MP-603**
16:00-16:30	**Lijun Yi (Shanghai Normal University, Peoples Rep of China)** The Hp Version Continuous Galerkin and Spectral Collocation Methods for Nonlinear Delay Differential Equations	Abstracts p. 400
16:30-17:00	**Ling Guo (Shanghai Normal University, Peoples Rep of China)** Sparse Approximation for Data-Driven Polynomial Chaos Expansion and Their Applications in UQ	Abstracts p. 399

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16:00-16:20	**Weisong Zhou (Chongqing University of Posts and Telecommunications, Peoples Rep of China)** Existence-Uniqueness and Exponential Estimate of Pathwise Solution of Retarded Stochastic Evolution Systems with Time Smooth Diffusion Coefficients	Abstracts p. 449
16:20-16:40	**Yan Sun (Shanghai Normal University, Peoples Rep of China)** Positive Solutions of a Nonlinear Fractional Differential Equation Boundary Value Problem	Abstracts p. 446
16:40-17:00	**Felix Sadyrbaev (Institute Mathematics, University of Latvia, Latvia)** Networks Modeling by Systems of Ordinary Differential Equations	Abstracts p. 443
17:00-17:20	**Katarzyna Szymanska-Debowska (Lodz University of Technology, Poland)** Applications of the Generalized Miranda Theorem to Nonlocal Neumann Boundary Value Problems	Abstracts p. 446
17:20-17:40	**Radhakrishnan Bheeman (PSG College of Technology, India)** Boundary Controllability of Neutral Integrodifferential Impulsive Systems with Time Varying Delays in Banach Spaces	Abstracts p. 429

Contributed Session **2**	**PDEs and Applications** Chair: Vivek V. Tewary	**FC-402**
16:00-16:20	**Vivek V. Tewary (Indian Institute of Technology Bombay, India)** Perturbation Theory of Bloch Eigenvalues and Homogenization	Abstracts p. 446
16:20-16:40	**Ariane Trescases (CNRS, France)** Cross-Diffusion in Population Dynamics	Abstracts p. 446
16:40-17:00	**Jagmohan Tyagi (IIT Gandhinagar, India)** On Bifurcation from Infinity to Fractional Laplace Equations	Abstracts p. 447
17:00-17:20	**Manwai Yuen (The Education University of Hong Kong, Hong Kong)** Blowup for the Compressible Euler Equations in R^N	Abstracts p. 449
17:20-17:40	**Andrei Zviagin (Voronezh State University, Russia)** Solvability of Initial-Boundary Value Problem for Thermoviscoelastic Kelvin-Voigt Model	Abstracts p. 449
17:40-18:00	**Victor Zvyagin (Voronezh State University, Russia)** Mathematical Problem of Viscoelastic Media with Memory Motion	Abstracts p. 450

Contributed Session **3**	**Modeling, Math Biology and Math Finance** Chair: Nicola Vassena	**MP-702**
16:00-16:20	**Nicola Vassena (Free University of Berlin, Institut of Mathematics, Germany)** Sensitivity of Chemical Reaction Networks: Model, Results and Computational Issues	Abstracts p. 447
16:20-16:40	**Panittavee Yarnvitayalert (King Mongkut's University of Technology Thonburi, Thailand)** Kinetic Model of 99mTc-ECD Absorption in Brain for Epilepsy Patients and Stability Analysis	Abstracts p. 448
16:40-17:00	**Christine M. Craib (UNC Wilmington, USA)** Disease Transmission Models with a Demographic Allee Effect	Abstracts p. 432
17:00-17:20	**Arpan Ghosh (Linkoping University, Sweden)** A One-Dimensional Model of a False Aneurysm	Abstracts p. 435
17:20-17:40	**Sansao S. Pedro (Universidade Eduardo Mondlane, Mozambique)** Predicting Rift Valley Fever Inter-Epidemic Activities and Outbreak Patterns: Insights from a Stochastic Host-Vector Model	Abstracts p. 442
17:40-18:00	**John Sebastian Simon (University of the Philippines Baguio, Philippines)** Dynamics of a Delayed Predator - Prey Model with Saturated SIS Epidemic on the Prey Population	Abstracts p. 445
18:00-18:20	**Kadkanok Nudee (King Mongkut's University of Technology Thonburi, Thailand)** Backward Bifurcation in Measles Model with Logistic Growth and Vaccination	Abstracts p. 441

Special Session **1**	**Mathematical Models and Methods in Materials Science** Organizer(s): Pierluigi Cesana, John M. Ball, Marco Cicalese	**FC-204**
08:30-09:00	**Stefan S. Neukamm (TU Dresden, Germany)** Quantitative Homogenization in Nonlinear Elasticity	Abstracts p. 8
09:00-09:30	**Matthias Ruf (University of Brussels, Belgium)** Free Energies on Stochastic Lattices	Abstracts p. 8
09:30-10:00	**Caterina Zeppieri (University of Muenster, Germany)** Stochastic Homogenisation of Free-Discontinuity Problems	Abstracts p. 8

Special Session **7**	**Recent Trends and Progress in Mathematical Fluid Dynamics** Organizer(s): Eduard Feireisl, Antonin Novotny, Milan Pokorny	**FC-505**
08:00-08:30	**Piotr Mucha (University of Warsaw, Poland)** A Drop of Water	Abstracts p. 21
08:30-09:00	**Yongzhong Sun (Nanjing University, Peoples Rep of China)** Well-Posedness of the Plasma-Vacuum Interface Problem for Ideal Incompressible MHD	Abstracts p. 21
09:00-09:30	**Yong Lu (Nanjing University, Peoples Rep of China)** Relative Entropy, Weak-Strong Uniqueness and Conditional Regularity for a Compressible Oldroyd–B Model	Abstracts p. 21
09:30-10:00	**Young-Sam Kwon (Dong-A University, Korea)** Geostrophic Equations As a Rigorous Limit of Compressible Rotating and Heat Conducting Fluids	Abstracts p. 20

Special Session **11**	**Dynamical System Modeling for Ecological Effects and Evolution of Dispersal in Biological Systems** Organizer(s): Adrian Lam, Robert Stephen Cantrell, Chris Cosner, Yuan Lou	**FC-203**
08:00-08:30	**Tri Nguyen-Huu (IRD, France)** Dynamical Fisheries Models with Bioeconomy	Abstracts p. 36
08:30-09:00	**Robert Stephen Cantrell (University of Miami, USA)** A PDE Model of Intraguild Predation with Cross-Diffusion	Abstracts p. 34
09:00-09:30	**Yun Kang (Arizona State University, USA)** On the Preservation of Cooperation in Two-Strategy Games with Nonlocal Interactions	Abstracts p. 35
09:30-10:00	**Tian Xiang (Renmin University of China, Peoples Rep of China)** Dynamics and Asymptotic Profiles of Endemic Equilibrium for Two Frequency-Dependent SIS Epidemic Models with Cross-Diffusion	Abstracts p. 37

Special Session **32**	**Control and Optimization: New Developments and Applications** Organizer(s): Monica Motta, Alexander J. Zaslavski, Hong-Kun Xu, Jen-Chih Yao	**FC-504**
08:00-08:30	**Yirmeyahu Kaminski (Holon Institute of Technology, Israel)** Intrinsic and Apparent Singularities in Differentially Flat Systems, and Application to Global Motion Planning	Abstracts p. 105
08:30-09:00	**Jean S. Lévine (Mines-ParisTech and FSMP, France)** Barriers in Nonlinear Control Systems with Mixed Constraints, Some Applications and Open Questions	Abstracts p. 106

Special Session **33**	**Dynamics of Parabolic Type Equations in Life Sciences and Physics** Organizer(s): Wan-Tong Li, Guo Lin, Zhi-Cheng Wang	**MP-503**
08:00-08:30	**YunRui Yang (LanZhou JiaoTong University, Peoples Rep of China)** Stability of Monostable Traveling Waves of Reaction-Diffusion Equations with Delay	Abstracts p. 108
08:30-09:00	**Wantong Li (Lanzhou University, Peoples Rep of China)** Traveling Waves of Two Species Competition System with Nonlocal Dispersal in Periodic Habitats	Abstracts p. 108
09:00-09:30	**Yuan He (Lanzhou University, Peoples Rep of China)** Analysis and Control of Population Dynamics Models	Abstracts p. 108
09:30-10:00	**Li Zhang (Changan University, Peoples Rep of China)** Spatio-Temporal Propagation of Nonlocal Anisotropic Dispersal Equations	Abstracts p. 109

Special Session **50**	**Recent Advances of Differential Equations with Applications in Life Sciences** Organizer(s): Ping Liu, Ying Su, Fengqi Yi	**MP-501**
08:00-08:30	**Shujun Shi (Harbin Normal University, Peoples Rep of China)** Convexity Estimates for the Solutions of Elliptic Partial Differential Equations	Abstracts p. 149
08:30-09:00	**Feng Guofeng (Harbin Engineering University, Peoples Rep of China)** The Survey on Multiscale Inversion of Wave Equations in Porous Medium	Abstracts p. 148
09:00-09:30	**Haifeng Ma (Harbin Normal University, Peoples Rep of China)** Acute Perturbation Bounds of Weighted Moore-Penrose Inverse	Abstracts p. 149

Special Session **52**	**Recent Progress in Nonlinear Dispersive PDE** Organizer(s): Benjamin Dodson, Jason Murphy	**MP-602**
08:30-09:00	**Jiqiang Zheng (Université de Nice, France)** Strichartz Estimate for Schrodinger and Wave Equations on Metric Cones	Abstracts p. 153
09:00-09:30	**Maria Ntekoume (UCLA, USA)** Homogenization for the Cubic Nonlinear Schrödinger Equation on $\mathbb{R}^2$	Abstracts p. 152
09:30-10:00	**Lifeng Zhao (University of Science and Technology of China, Peoples Rep of China)** Equivariant Schrodinger Maps from Two Dimensional Hyperbolic Space	Abstracts p. 153

Special Session **55**	**Advances in Analysis and Geometry of Nonlinear Waves and Integrable Systems** Organizer(s): Changzheng Qu, Ming Chen	**FC-403**
08:00-08:30	**Baofeng Feng (University of Texas Rio Grande Valley, USA)** Mixed Soliton Solution to a Nonlocal Coupled Nonlinear Schrodinger Equation with PT-Symmetry	Abstracts p. 157
08:30-09:00	**Ruoxia Yao (Shaanxi Normal University, Peoples Rep of China)** The Lump Solution and The Bilinear Backlund Transformation for the (4+1)-Dimensional Fokas Equation	Abstracts p. 159
09:00-09:30	**Dun Zhao (Lanzhou University, Peoples Rep of China)** Inverse Scattering Transformation for the PT-Symmetric Gross-Pitaevskii Equations	Abstracts p. 159
09:30-10:00	**Xiao-Yong Wen (Beijing Information Science and Technology University, Peoples Rep of China)** Modulational Instability and Higher Order-Rogue Wave Solutions for the Generalized Discrete Hirota Equation	Abstracts p. 158

Special Session **59**	**Efficient Algorithms for Flow and Transport in Porous Media** Organizer(s): Shuyu Sun, Yanping Chen	**FC-402**
08:00-08:30	**Jinru Chen (Jiangsu Second Normal University, Peoples Rep of China)** A Conforming Enriched Finite Element Method for Stokes Interface Problems	Abstracts p. 170
08:30-09:00	**Ming Cui (Beijing Univerisity of Technology, Peoples Rep of China)** A Posteriori Error Estimate for the Stokes Darcy System	Abstracts p. 170
09:00-09:30	**Changhui Yao (Zhengzhou Univerisity,China, Peoples Rep of China)** Finite Element Methods for Wave Propagation with Debye Polarization in Nonlinear Dielectric Materials	Abstracts p. 170

Special Session **72**	**Recent Developments in Problems of Fluid Mechanics** Organizer(s): Chaudry Masood Khalique, Asim Aziz, Noreen S. Akbar	**MP-502**
08:00-08:30	**Noreen Akbar (National University of Sciences and Technology Pakistan, Pakistan)** Thermal Engineering Nano Model Study for Thermal Conductivity Knf/Kf of Shape Factor with Variable Fluid Properties	Abstracts p. 206
08:30-09:00	**Taha T. Aziz (North West University, Potchefstroom Campus, So Africa)** Group Theoretical and Compatibility Analysis for Generalized Stokes Flow of Non-Newtonian Fluid in a Darcy Porous Medium with Suction/Blowing	Abstracts p. 206

Special Session **74**	**Perturbation Techniques in Stochastic Analysis and Its Applications** Organizer(s): Stephane Menozzi, Arturo Kohatsu-Higa, Valentin Konakov	**FC-503**
08:00-08:30	**Andrea Pascucci (University of Bologna, Italy)** The Parametrix Method for Parabolic SPDEs	Abstracts p. 214
08:30-09:00	**Libo Li (University of New South Wales, Australia)** Weak Uniqueness and Density Estimates for SDEs with Coefficients Depending on Some Path-Functionals	Abstracts p. 213
09:00-09:30	**Seiichiro Kusuoka (Okayama University, Japan)** Continuity and Gaussian Two-Sided Bounds of the Density Functions of the Solutions to Path-Dependent Stochastic Differential Equations Via Perturbation	Abstracts p. 213

Special Session **80**	**Modern Topics in Nonlinear PDEs and Applications** Organizer(s): Alessio Fiscella, Patrizia Pucci, Binlin Zhang	**FC-304**
08:30-09:00	**Mousomi D. Bhakta (Indian Institute of Science Education and Research, Pune, India)** Nonlocal Scalar Field Equations	Abstracts p. 228
09:00-09:30	**Tai Nguyen (Masaryk University, Czech Rep)** Boundary Singularities of Solutions to Semilinear Fractional Equations	Abstracts p. 228
09:30-10:00	**Lin Li (Chongqing Technology and Business University, Peoples Rep of China)** Infinitely Many Sign-Changing Solutions for the Brezis-Nirenberg Problem Involving the Fractional Laplacian	Abstracts p. 228

Special Session **83**	**Recent Advances in the Analysis of Nonlinear Phenomena** Organizer(s): Jessica Lin, Yao Yao	**FC-302**
08:30-09:00	**Christopher Henderson (University of Chicago, USA)** The Influence of Non-Local Interactions on Propagation Speeds	Abstracts p. 236
09:00-09:30	**Tau Shean Lim (Duke University, USA)** A Shape Theorem for a Discrete Cane Toads Equation with Random Motility	Abstracts p. 236
09:30-10:00	**Xukai Yan (Georgia Institute of Technology, USA)** (-1)-Homogeneous Solutions of Stationary Incompressible Navier-Stokes Equations with Singular Rays	Abstracts p. 237

Special Session **86**	**Recent Advances in Mathematical Modeling in Health and Disease** Organizer(s): Yi Jiang, James A. Glazier, Yangjin Kim	**FC-502**
08:00-08:30	**James A. Glazier (Indiana University, USA)** Somites with and Without a Clock	Abstracts p. 242
08:30-09:00	**Jin Wang (Stony Brook University, USA)** Landscape Quantification of Cancer	Abstracts p. 243
09:00-09:30	**Yi Jiang (Georgia State University, USA)** Leading the Pack: Collective Invasion in Cancer	Abstracts p. 242

Special Session **95**	**Kinetic and Related Equations: Collisions, Mean Field, and Organized Motion** Organizer(s): Hung-Wen Kuo, Kazuo Aoki, Seok-Bae Yun, Young-Pil Choi	**FC-201**
08:00-08:30	**Jose Antonio Carrillo (Imperial College London, England)** Swarming Models with Local Alignment Effects: Phase Transition and Hydrodynamics	Abstracts p. 449
08:30-09:00	**Se Eun Noh (Myongji University, Korea)** Emergence of Aggregation in the Swarm Sphere Model with Adaptive Coupling Law	Abstracts p. 261
09:00-09:30	**Seung-Yeal Ha (Seoul National University, Korea)** Local Sensitivity Analysis for Flocking and Synchronization Models	Abstracts p. 260
09:30-10:00	**Jeongho Kim (Seoul National University, Korea)** Cucker-Smale Model with Bonding Force and Singular Interaction Kernel	Abstracts p. 261

Special Session **103**	**Recent Advances in Numerical Methods for Parital Differential Equations** Organizer(s): Long Chen, Jun Hu, Xuehai Huang	**FC-404**
08:30-09:00	**Yanqiu Wang (Nanjing Normal University, Peoples Rep of China)** Finite Elements on Prisms and Cones with Polygonal Bases	Abstracts p. 282
09:00-09:30	**Liuqiang Zhong (South China Normal University, Peoples Rep of China)** Fast Solvers for Edge Element Discretizations of Time-Harmonic Maxwell Equations	Abstracts p. 282
09:30-10:00	**Ke Shi (Old Dominion University, USA)** An HDG Method for Stationary Magnatohydrodynamics	Abstracts p. 282

Special Session **105**	**Nonlinear Functional Analysis and Its Applications to Nonlinear Elliptic Equations/Fractional Laplacian Equations/Integral Equations** Organizer(s): Mei Yu, Qianqiao Guo, Wenxiong Chen	**MP-403**
08:00-08:30	**Feng Zhou (CPDE, East China Normal University, Peoples Rep of China)** Some Results on Semilinear Elliptic Equations with Hardy-Leray Potentials	Abstracts p. 287
08:30-09:00	**Fukun Zhao (Yunnan Normal University, Peoples Rep of China)** Existence and Multiplicity of Sign-Changing Solutions of Nonlocal Problems with Integrodifferential Operators	Abstracts p. 286
09:00-09:30	**Chunqin Zhou (Shanghai Jiao Tong University, Peoples Rep of China)** Extremal Functions of Moser-Trudinger Inequality Involving Finsler-Laplacian	Abstracts p. 286
09:30-10:00	**Xiaojun Chang (Northeast Normal University, Peoples Rep of China)** Sign-Changing Solutions of Fractional P-Laplacian Problems	Abstracts p. 285

Special Session **108**	**Water Waves and Other Dispersive Phenomena** Organizer(s): J. Douglas Wright, David Ambrose	**MP-201**
08:00-08:30	**Christopher Lustri (Macquarie University, Australia)** Using Exponential Asymptotics to Compute Nanopteron Behaviour and Free-Surface Waves	Abstracts p. 294
08:30-09:00	**Robert Marangell (University of Sydney, Australia)** An Evans Function for 2D Steady Flows of the Euler Equations on the Torus	Abstracts p. 294
09:00-09:30	**Tian-Shiang Yang (National Cheng Kung University, Taiwan)** Performance Analysis and Optimization of a Water Tank with Oscillating Walls for Wave Energy Harvesting	Abstracts p. 431
09:30-10:00	**Dmitry Pelinovsky (McMaster University, Canada)** Instability of Peaked Waves in the Reduced Ostrovsky Equation	Abstracts p. 438

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09:00-09:30	**Guanghui Zhang (Huazhong University of Science and Technology, Peoples Rep of China)** Traveling Waves for Nonlinear Diffusion Problems with Free Boundaries in a One-Dimensional Heterogeneous Medium	Abstracts p. 310
09:30-10:00	**Bendong Lou (Shanghai Normal University, Peoples Rep of China)** Propagation Curves of a Curvature Flow in a Cylinder	Abstracts p. 309

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09:00-09:30	**Scott Kaschner (Butler University, USA)** Regularity of Superstable Manifolds of Invariant Circles	Abstracts p. 324
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08:30-09:00	**Woocheol Choi (Incheon National University, Korea)** On the Energy Minimizing Solutions for the Lane-Emden System on Bounded Domain	Abstracts p. 348
09:00-09:30	**Sun-Ho Choi (Kyung Hee University, Korea)** A Kinetic Description for Sheath Formation	Abstracts p. 348
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08:30-09:00	**Honghui Zhang (Northwestern Polytechnical University, Peoples Rep of China)** Modeling and Analysis of Focal Epilepsy with Epileptor Field Model	Abstracts p. 368
09:00-09:30	**Sat Byul Seo (Kyungnam University, Korea)** Neurotransmitters Release for Independent Synaptic Currents in a Single Synapse Modeled with Discontinuous Diffusion Coefficients	Abstracts p. 367
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09:00-09:30	**Matteo Franca (Marche Polytechnic University (Ancona), Italy)** Entire Solutions for Superlinear Laplace Problems with Sign Changing Weights	Abstracts p. 392
09:30-10:00	**Megumi Sano (Tokyo Institute of Technology, Japan)** Strauss's Radial Compactness and Its Application to Nonlinear Elliptic Problem with Variable Critical Exponent	Abstracts p. 392

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08:30-09:00	**Hongtao Chen (Xiamen University, Peoples Rep of China)** A Recovery Based Linear Finite Element Method for Fourth Order Problems	Abstracts p. 399
09:00-09:30	**Shuhua Zhang (Tianjin University of Finance and Economics, Peoples Rep of China)** Modeling and Computation of Energy Efficiency Management with Emission Permits Trading	Abstracts p. 401
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14:30-15:00	**Thomas Hudson (University of Warwick, England)** A Rigorous Approach to Describing the Mobility of Screw Dislocations	Abstracts p. 8
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Special Session **11**	**Dynamical System Modeling for Ecological Effects and Evolution of Dispersal in Biological Systems** Organizer(s): Adrian Lam, Robert Stephen Cantrell, Chris Cosner, Yuan Lou	**FC-203**
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14:30-15:00	**Yanyu Xiao (University of Cincinnati, USA)** Modeling the Spatial Spread of Mosquitoes with Serratia Infection	Abstracts p. 38
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15:00-15:30	**Mimi Dai (University of Illinois at Chicago, USA)** Well-Posedness of the Magneto-Hydrodynamics in Optimal Sobolev Spaces	Abstracts p. 236

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17:00-17:30	**Konstantinos Koumatos (University of Sussex, England)** Programming of Shape in Narrow Strips of Liquid Crystal Elastomers	Abstracts p. 8
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17:30-18:00	**Norbert Pozar (Kanazawa University, Japan)** Large-Time Behavior of the Anisotropic Stefan Problem in Nonuniform Media	Abstracts p. 237
18:00-18:30	**Hongjie Dong (Brown University, USA)** Boundary Regularity for the Navier-Stokes Equations in the Critical Lebesgue Spaces	Abstracts p. 236

Special Session **105**	**Nonlinear Functional Analysis and Its Applications to Nonlinear Elliptic Equations/Fractional Laplacian Equations/Integral Equations** Organizer(s): Mei Yu, Qianqiao Guo, Wenxiong Chen	**MP-403**
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16:30-17:00	**Nathan D. Totz (University of Miami, USA)** Global Well-Posedness and Higher Sobolev Norm Bounds for Non-Focusing Schrodinger Equations on Mixed Domains	Abstracts p. 295
17:00-17:30	**J. Douglas Wright (Drexel University, USA)** Traveling Waves in Diatomic Fermi-Pasta-Ulam-Tsingou Lattices	Abstracts p. 295

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17:00-17:30	**Fumihiko Nakamura (Kitami Institute of Technology, Japan)** Asymptotic Properties of Markov Operator Corresponding to Perturbed Non-Expanding Piecewise Linear Maps	Abstracts p. 325
17:30-18:00	**Yushi Nakano (Tokai University, Japan)** Historic Behaviour for Nonautonomous Dynamical Systems	Abstracts p. 325

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16:30-17:00	**Soojung Kim (Korea Institute for Advanced Study, Korea)** Magnetic Field Induced Transition in Nematic Liquid Crystal Flows	Abstracts p. 349
17:00-17:30	**Seonghak Kim (Kyungpook National University, Korea)** On Elliptic-Hyperbolic Problem in One Space Dimension	Abstracts p. 349
17:30-18:00	**Guanghui Jin (National Center for Theoretical Sciences, Peoples Rep of China)** Remarks on Chern-Simons Gauged $O(3)$ Sigma Model in One Space Dimension	Abstracts p. 349
18:00-18:30	**Ohsang Kwon (Chungbuk National University, Korea)** The Existence of Vector Soluiton for Coupled Nonlinear Schrodinger Systems	Abstracts p. 436

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17:00-17:30	**Valentin V. Resseguier (Scalian, France)** Stochastic Advection by Lie Transport and Location Uncertainty: a Common Ground for Uncertainty Quantification in Fluid Dynamics	Abstracts p. 361

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Hausenblas, Erika E.	SS61, PS4, Friday, July 6, 16:00-16:30
Hayashi, Masayuki	SS121, PS2, Friday, July 6, 09:00-09:30
He, Daihai	SS46, PS6, Saturday, July 7, 13:00-13:30
He, Daihai	SS82, PS3, Friday, July 6, 15:00-15:30
He, Yuan	SS33, PS11, Monday, July 9, 09:00-09:30
Henderson, Christopher	SS83, PS11, Monday, July 9, 08:30-09:00
Herty, Michael	SS100, PS5, Saturday, July 7, 08:00-08:30
Hilhorst, Danielle	SS117, PS8, Sunday, July 8, 08:30-09:00
Hilhorst, Danielle	SS15, PS4, Friday, July 6, 16:30-17:00
Hinow, Peter	SS11, PS8, Sunday, July 8, 09:00-09:30
Hirata, Kentaro	SS97, PS9, Sunday, July 8, 14:30-15:00
Hirayama, Michihiro	SS13, PS4, Friday, July 6, 17:00-17:30
Hisa, Kotaro	SS102, PS6, Saturday, July 7, 14:30-15:00
Hofmanova, Martina	SS16, PS9, Sunday, July 8, 14:00-14:30
Hofmanova, Martina	SS23, PS1, Thursday, July 5, 18:00-18:30
Hohloch, Sonja	SS27, PS4, Friday, July 6, 17:00-17:30
Holmes, William R.	SS41, PS1, Thursday, July 5, 18:00-18:30
Homburg, Ale Jan	SS126, PS11, Monday, July 9, 08:30-09:00
Honda, Shohei	SS88, PS9, Sunday, July 8, 14:30-15:00
Hong, Younghun	SS111, PS6, Saturday, July 7, 14:30-15:00
Honore, Igor	SS74, PS13, Monday, July 9, 16:00-16:30
Horai, Mio	SS96, PS8, Sunday, July 8, 08:30-09:00
Hoshino, Masato	SS16, PS8, Sunday, July 8, 08:30-09:00
Hosoya, Yuhki	SS32, PS9, Sunday, July 8, 14:00-14:30
Hsia, Chun-Hsiung	SS140, PS12, Monday, July 9, 14:00-14:30
Hsia, Chun-Hsiung	SS143, PS2, Friday, July 6, 08:30-09:00
Hsieh, Chia-Yu	SS114, PS10, Sunday, July 8, 16:00-16:30
Hsu, Cheng-Hsiung	SS28, PS1, Thursday, July 5, 15:00-15:30
Hsu, Hung-Chu	SS48, PS1, Thursday, July 5, 18:00-18:30
Hsu, Sze-Bi	SS17, PS6, Saturday, July 7, 14:30-15:00
Hsu, Ting-Hao	SS82, PS3, Friday, July 6, 13:30-14:00
Hu, Bing	SS82, PS1, Thursday, July 5, 15:00-15:30
Hu, Dan	SS154, PS12, Monday, July 9, 13:30-14:00
Hu, Guanghui	SS5, PS3, Friday, July 6, 14:30-15:00
Hu, Jingwei	SS100, PS8, Sunday, July 8, 08:30-09:00
Hu, Jingwei	SS154, PS11, Monday, July 9, 08:30-09:00
Hu, Long	SS2, PS7, Saturday, July 7, 16:00-16:30
Hu, Mingshang	SS3, PS4, Friday, July 6, 17:30-18:00
Hu, Qiaoyi	SS141, PS2, Friday, July 6, 09:00-09:30
Hu, Wen-Guei	SS28, PS1, Thursday, July 5, 17:00-17:30
Hu, Xianpeng	SS15, PS3, Friday, July 6, 14:00-14:30
Hu, Yuxi	SS57, PS6, Saturday, July 7, 13:00-13:30
Huang, Chengming	CS5, PS5, Saturday, July 7, 09:20-09:40
Huang, Chien-Hao	SS123, PS9, Sunday, July 8, 13:30-14:00
Huang, Chih-Chiang	SS18, PS4, Friday, July 6, 17:00-17:30
Huang, Hao-Wei	SS38, PS2, Friday, July 6, 08:30-09:00
Huang, Hsin-Yuan	SS17, PS1, Thursday, July 5, 17:00-17:30
Huang, Lirong	CS2, PS1, Thursday, July 5, 17:40-18:00
Huang, Lorick	SS74, PS13, Monday, July 9, 17:00-17:30
Huang, Qihua	SS82, PS2, Friday, July 6, 08:00-08:30
Huang, Qiumei	SS155, PS11, Monday, July 9, 08:00-08:30
Huang, Rung-Tzung	SS122, PS7, Saturday, July 7, 15:30-16:00
Huang, Yonghui	SS61, PS3, Friday, July 6, 14:00-14:30
Huang, Yu-Jui	SS146, PS3, Friday, July 6, 14:00-14:30
Hudson, Thomas	SS1, PS12, Monday, July 9, 14:30-15:00
Hui, Kin Ming	SS127, PS7, Saturday, July 7, 16:00-16:30

Jiu, Quansen	SS37, PS5, Saturday, July 7, 09:30-10:00
Jiu, Quansen	SS51, PS8, Sunday, July 8, 08:30-09:00
Ju, Lili	SS12, PS2, Friday, July 6, 09:00-09:30
Ju, Lili	SS125, PS7, Saturday, July 7, 17:00-17:30
Juma, Victor Ogesa	SS41, PS1, Thursday, July 5, 16:30-17:00
Jung, Chang-Yeol	SS125, PS7, Saturday, July 7, 16:30-17:00
Jung, Chang-Yeol	SS16, PS7, Saturday, July 7, 17:30-18:00
Jung, Soyeun	SS22, PS7, Saturday, July 7, 17:30-18:00
Jung, Uijin	SS13, PS4, Friday, July 6, 17:30-18:00
Junxiang, Xu	SS106, PS1, Thursday, July 5, 16:00-16:30
Kabeya, Yoshitsugu	SS47, PS2, Friday, July 6, 08:30-09:00
Kabeya, Yoshitsugu	SS62, PS10, Sunday, July 8, 17:30-18:00
Kabir, Muhammad Humayun	SS18, PS3, Friday, July 6, 15:00-15:30
Kagawa, Keiichiro	SS29, PS8, Sunday, July 8, 08:00-08:30
Kajihara, Yuika	SS25, PS3, Friday, July 6, 14:00-14:30
Kajikiya, Ryuji	SS101, PS7, Saturday, July 7, 17:30-18:00
Kajino, Naotaka	SS74, PS10, Sunday, July 8, 17:30-18:00
Kajiwara, Kenji	SS49, PS9, Sunday, July 8, 13:30-14:00
Kakei, Saburo	SS49, PS4, Friday, July 6, 16:30-17:00
Kalise, Dante	SS100, PS5, Saturday, July 7, 08:30-09:00
Kalise, Dante	SS131, PS4, Friday, July 6, 16:30-17:00
Kalousek, Martin	SS15, PS3, Friday, July 6, 14:30-15:00
Kamatani, Kengo	SS79, PS8, Sunday, July 8, 08:00-08:30
Kamburov, Nikola	SS138, PS10, Sunday, July 8, 17:00-17:30
Kaminski, Yirmeyahu	SS32, PS11, Monday, July 9, 08:00-08:30
Kan-On, Yukio	SS8, PS8, Sunday, July 8, 09:00-09:30
Kan, Toru	SS62, PS10, Sunday, July 8, 16:30-17:00
Kanagawa, Shuya	SS132, PS5, Saturday, July 7, 09:00-09:30
Kanagawa, Shuya	SS96, PS8, Sunday, July 8, 09:00-09:30
Kaneko, Yuki	SS47, PS3, Friday, July 6, 14:00-14:30
Kang, Bowon	CS1, PS9, Sunday, July 8, 13:30-13:50
Kang, Hye-Won	SS45, PS7, Saturday, July 7, 16:00-16:30
Kang, Yun	SS11, PS11, Monday, July 9, 09:00-09:30
Kang, Yun	SS46, PS5, Saturday, July 7, 08:30-09:00
Kano, Risei R.	SS9, PS6, Saturday, July 7, 14:00-14:30
Kao, Chiu-Yen	SS143, PS2, Friday, July 6, 09:00-09:30
Kao, Chiu-Yen	SS150, PS9, Sunday, July 8, 13:30-14:00
Karakoc, Fatma	SS78, PS6, Saturday, July 7, 14:00-14:30
Kaschner, Scott	SS126, PS11, Monday, July 9, 09:00-09:30
Katiyar, Saurabh Kumar D.	CS5, PS5, Saturday, July 7, 09:00-09:20
Kavallaris, Nikos	SS41, PS1, Thursday, July 5, 17:00-17:30
Kawakami, Tatsuki	SS101, PS4, Friday, July 6, 16:00-16:30
Kawakami, Tatsuki	SS102, PS7, Saturday, July 7, 16:00-16:30
Kayar, Zeynep	SS78, PS6, Saturday, July 7, 13:30-14:00
Kaymakçalan, Billur	SS78, PS7, Saturday, July 7, 16:00-16:30
Kenmochi, Nobuyuki	SS89, PS2, Friday, July 6, 08:30-09:00
Kettani, Perla el	SS16, PS7, Saturday, July 7, 17:00-17:30
Khalique, Chaudry	SS70, PS3, Friday, July 6, 13:30-14:00
Khames, Imene	CS1, PS9, Sunday, July 8, 13:50-14:10
Khan, Adnan	SS132, PS3, Friday, July 6, 14:30-15:00
Khan, Adnan	SS70, PS5, Saturday, July 7, 09:00-09:30
Khan, Arshad Alam	SS72, PS9, Sunday, July 8, 13:30-14:00
Khumalo, Melusi	CS2, PS1, Thursday, July 5, 17:20-17:40
Kieu, Chanh Q.	SS140, PS11, Monday, July 9, 09:00-09:30
Kifer, Yuri	SS13, PS7, Saturday, July 7, 17:30-18:00
Kim, Eun Heui	SS143, PS2, Friday, July 6, 09:30-10:00
Kim, Hyunseok	SS22, PS7, Saturday, July 7, 16:30-17:00
Kim, Jeongho	SS95, PS11, Monday, July 9, 09:30-10:00
Kim, Kwangjoong	SS70, PS6, Saturday, July 7, 13:00-13:30
Kim, Seonghak	SS136, PS13, Monday, July 9, 17:00-17:30
Kim, Seunghyeok	SS60, PS4, Friday, July 6, 16:00-16:30
Kim, Seunghyeok	SS93, PS7, Saturday, July 7, 15:30-16:00
Kim, Soojung	SS136, PS13, Monday, July 9, 16:30-17:00
Kim, Yong-Jung	SS127, PS9, Sunday, July 8, 14:00-14:30
Kim, Yong-Jung	SS18, PS8, Sunday, July 8, 08:00-08:30
Kim, Youchan	SS22, PS7, Saturday, July 7, 16:00-16:30
Kim, Yun-Ho	SS104, PS6, Saturday, July 7, 14:30-15:00
Kimmoun, Olivier	SS48, PS1, Thursday, July 5, 15:30-16:00
Kimura, Masato	SS75, PS7, Saturday, July 7, 17:00-17:30

Kiss, Gabor	SS64, PS6, Saturday, July 7, 14:30-15:00
Kita, Kosuke	SS29, PS8, Sunday, July 8, 08:30-09:00
Kitagawa, Jun	SS128, PS4, Friday, July 6, 17:00-17:30
Klein, Christian	SS37, PS6, Saturday, July 7, 14:00-14:30
Klein, Christian	SS49, PS10, Sunday, July 8, 16:30-17:00
Ko, Eunkyung	SS101, PS6, Saturday, July 7, 14:30-15:00
Kobayashi, Michikazu	SS77, PS7, Saturday, July 7, 16:00-16:30
Kodama, Yuji	SS49, PS8, Sunday, July 8, 09:30-10:00
Kogoj, Alessia	SS38, PS1, Thursday, July 5, 17:00-17:30
Kokic, Marco	SS41, PS2, Friday, July 6, 08:30-09:00
Kon, Ryusuke	SS42, PS4, Friday, July 6, 16:30-17:00
Kon, Ryusuke	SS91, PS6, Saturday, July 7, 13:30-14:00
Kong, Lingju	SS104, PS5, Saturday, July 7, 08:30-09:00
Kong, Lingju	SS73, PS1, Thursday, July 5, 18:00-18:30
Konijeti, Sreenadh	SS60, PS5, Saturday, July 7, 09:00-09:30
Koo, Namjip	CS1, PS9, Sunday, July 8, 14:10-14:30
Koralov, Leonid	SS74, PS12, Monday, July 9, 14:00-14:30
Kosaka, Atsushi	SS62, PS9, Sunday, July 8, 15:00-15:30
Kostenko, Aleksey	SS36, PS10, Sunday, July 8, 16:00-16:30
Kotani, Kiyoshi	SS64, PS4, Friday, July 6, 16:30-17:00
Koumatos, Konstantinos	SS1, PS13, Monday, July 9, 17:00-17:30
Koumatos, Konstantinos	SS75, PS7, Saturday, July 7, 16:30-17:00
Kramer, Peter	SS45, PS7, Saturday, July 7, 17:00-17:30
Krawcewicz, Wieslaw	SS14, PS7, Saturday, July 7, 15:30-16:00
Kreczak, Hannah E.	CS2, PS2, Friday, July 6, 08:00-08:20
Kreisbeck, Carolin	SS75, PS6, Saturday, July 7, 13:00-13:30
Krieger, Wolfgang	SS13, PS1, Thursday, July 5, 16:00-16:30
Kruzik, Martin	SS120, PS4, Friday, July 6, 16:00-16:30
Kruzik, Martin	SS15, PS3, Friday, July 6, 13:30-14:00
Kubo, Akisato	SS29, PS7, Saturday, July 7, 15:30-16:00
Kucera, Petr	SS26, PS10, Sunday, July 8, 16:00-16:30
Kucherenko, Tamara	SS126, PS9, Sunday, July 8, 14:30-15:00
Kumagai, Taiga	SS68, PS1, Thursday, July 5, 18:00-18:30
Kumazaki, Kota	SS89, PS3, Friday, July 6, 14:30-15:00
Kuniya, Toshikazu	SS64, PS7, Saturday, July 7, 16:30-17:00
Kunnath, Sandeep	SS58, PS3, Friday, July 6, 14:00-14:30
Kuo, Frances Y.	SS79, PS10, Sunday, July 8, 16:00-16:30
Kurata, Kazuhiro	SS18, PS6, Saturday, July 7, 14:30-15:00
Kurganov, Alexander	SS36, PS8, Sunday, July 8, 08:00-08:30
Kurganov, Alexander	SS63, PS1, Thursday, July 5, 16:30-17:00
Kurima, Shunsuke	SS89, PS6, Saturday, July 7, 13:30-14:00
Kuroda, Takanori	SS29, PS7, Saturday, July 7, 16:30-17:00
Kurzke, Matthias W.	SS120, PS6, Saturday, July 7, 13:30-14:00
Kusuoka, Seiichiro	SS74, PS11, Monday, July 9, 09:00-09:30
Kuto, Kousuke	SS47, PS1, Thursday, July 5, 16:00-16:30
Kuwae, Kazuhiro	SS157, PS7, Saturday, July 7, 16:00-16:30
Kwon, Hee-Dae	SS107, PS5, Saturday, July 7, 09:00-09:30
Kwon, Ohsang	SS136, PS13, Monday, July 9, 18:00-18:30
Kwon, Sanghoon	SS13, PS1, Thursday, July 5, 16:30-17:00
Kwon, Soonsik	SS121, PS2, Friday, July 6, 08:30-09:00
Kwon, Soonsik	SS52, PS12, Monday, July 9, 15:00-15:30
Kwon, Young-Sam	SS7, PS11, Monday, July 9, 09:30-10:00
Lévine, Jean S.	SS32, PS11, Monday, July 9, 08:30-09:00
Lai, Jun	SS5, PS4, Friday, July 6, 17:30-18:00
Laiu, M. Paul	SS100, PS6, Saturday, July 7, 14:30-15:00
Lam, Adrian	SS11, PS9, Sunday, July 8, 14:00-14:30
Lam, Kei Fong	SS144, PS6, Saturday, July 7, 13:30-14:00
Lam, Kei Fong	SS15, PS4, Friday, July 6, 17:30-18:00
Lankeit, Johannes	SS132, PS5, Saturday, July 7, 08:30-09:00
Lankeit, Johannes	SS56, PS1, Thursday, July 5, 15:30-16:00
Lappicy, Phillipo	SS139, PS1, Thursday, July 5, 17:00-17:30
Larios, Adam	SS37, PS5, Saturday, July 7, 09:00-09:30
Laurain, Paul	SS58, PS2, Friday, July 6, 09:00-09:30
Lauriere, Mathieu	SS131, PS1, Thursday, July 5, 17:30-18:00
Lauterbabach, Reiner	SS14, PS7, Saturday, July 7, 17:00-17:30
Law, Chun-Kong	SS141, PS3, Friday, July 6, 13:30-14:00
Law, Kody	SS148, PS1, Thursday, July 5, 15:00-15:30
Law, Kody	SS61, PS2, Friday, July 6, 09:30-10:00
Le, Ngan K.	SS23, PS5, Saturday, July 7, 08:30-09:00

Leduc, Guillaume	SS99, PS9, Sunday, July 8, 14:00-14:30
Lee, Ho H.	SS95, PS9, Sunday, July 8, 15:00-15:30
Lee, Jeong-Yup	SS13, PS3, Friday, July 6, 14:00-14:30
Lee, Manseob	SS105, PS10, Sunday, July 8, 17:30-18:00
Lee, Wanho	SS94, PS6, Saturday, July 7, 14:00-14:30
Lee, Yong-Hoon	SS101, PS3, Friday, July 6, 14:00-14:30
Lee, Youngae	SS136, PS12, Monday, July 9, 13:30-14:00
Legoll, Frederic	SS147, PS4, Friday, July 6, 17:00-17:30
Legoll, Frederic	SS15, PS1, Thursday, July 5, 16:00-16:30
Lemou, Mohammed	SS100, PS9, Sunday, July 8, 15:00-15:30
Leonori, Tommaso	SS71, PS10, Sunday, July 8, 17:30-18:00
Leonori, Tommaso	SS93, PS6, Saturday, July 7, 14:30-15:00
Li, Bingtuan	SS65, PS5, Saturday, July 7, 09:00-09:30
Li, Bingtuan	SS84, PS1, Thursday, July 5, 15:30-16:00
Li, Chuanzhong	SS55, PS9, Sunday, July 8, 14:30-15:00
Li, Chunhe	SS30, PS8, Sunday, July 8, 09:30-10:00
Li, Chunxia	SS49, PS9, Sunday, July 8, 14:30-15:00
Li, Dongfang	SS155, PS12, Monday, July 9, 13:30-14:00
Li, Fang	SS31, PS9, Sunday, July 8, 14:30-15:00
Li, Feng	SS153, PS9, Sunday, July 8, 14:30-15:00
Li, Fucai	SS10, PS10, Sunday, July 8, 16:00-16:30
Li, Fucai	SS57, PS5, Saturday, July 7, 09:00-09:30
Li, Hong	SS20, PS4, Friday, July 6, 17:30-18:00
Li, Hongmin	SS141, PS2, Friday, July 6, 09:30-10:00
Li, Jian	SS13, PS3, Friday, July 6, 14:30-15:00
Li, Jiaxu	SS84, PS3, Friday, July 6, 14:00-14:30
Li, Jing	SS56, PS4, Friday, July 6, 18:00-18:30
Li, Jingna	SS37, PS4, Friday, July 6, 17:30-18:00
Li, Jinkai	SS37, PS7, Saturday, July 7, 16:00-16:30
Li, Jinkai	SS69, PS1, Thursday, July 5, 15:30-16:00
Li, Juan	SS3, PS3, Friday, July 6, 14:00-14:30
Li, Libo	SS74, PS11, Monday, July 9, 08:30-09:00
Li, Lin	SS104, PS7, Saturday, July 7, 15:30-16:00
Li, Lin	SS80, PS11, Monday, July 9, 09:30-10:00
Li, Nianhua	SS141, PS4, Friday, July 6, 17:30-18:00
Li, Peijun	SS5, PS3, Friday, July 6, 13:30-14:00
Li, Ping	SS99, PS10, Sunday, July 8, 17:30-18:00
Li, Qinghua	SS81, PS4, Friday, July 6, 16:30-17:00
Li, Tiexiang	SS28, PS2, Friday, July 6, 08:30-09:00
Li, Wantong	SS11, PS10, Sunday, July 8, 16:00-16:30
Li, Wantong	SS33, PS11, Monday, July 9, 08:30-09:00
Li, Wuchen	SS34, PS9, Sunday, July 8, 14:00-14:30
Li, Xiangdong	SS157, PS7, Saturday, July 7, 15:30-16:00
Li, Xiao	SS12, PS2, Friday, July 6, 09:30-10:00
Li, Xiliang	SS73, PS2, Friday, July 6, 08:30-09:00
Li, Xue-Mei H.	SS16, PS10, Sunday, July 8, 16:00-16:30
Li, Xue-Mei H.	SS23, PS5, Saturday, July 7, 09:30-10:00
Li, Yachun	SS57, PS5, Saturday, July 7, 09:30-10:00
Li, Yanan	SS20, PS6, Saturday, July 7, 14:00-14:30
Li, Yi	SS18, PS3, Friday, July 6, 13:30-14:00
Li, Yibao	SS134, PS3, Friday, July 6, 14:00-14:30
Li, Yuqi	SS141, PS1, Thursday, July 5, 16:00-16:30
Li, Yuxiang	SS10, PS10, Sunday, July 8, 16:30-17:00
Li, Zhaoxiang	SS155, PS13, Monday, July 9, 17:00-17:30
Li, Zhenjie	SS22, PS7, Saturday, July 7, 15:30-16:00
Liñán, María Barbero	SS27, PS7, Saturday, July 7, 17:00-17:30
Liang, Fei-Tsen	SS144, PS5, Saturday, July 7, 08:30-09:00
Liang, Gechun	SS3, PS2, Friday, July 6, 09:30-10:00
Liang, Jin	SS99, PS8, Sunday, July 8, 09:00-09:30
Liang, Qizhu	SS61, PS1, Thursday, July 5, 16:00-16:30
Liang, Yu-Hao	SS28, PS2, Friday, July 6, 09:00-09:30
Liao, Kang-Ling	SS30, PS9, Sunday, July 8, 13:30-14:00
Lienstromberg, Christina	SS15, PS1, Thursday, July 5, 16:30-17:00
Lienstromberg, Christina	SS9, PS4, Friday, July 6, 16:30-17:00
Lim, Sookkyung	SS94, PS5, Saturday, July 7, 08:00-08:30
Lim, Tau Shean	SS83, PS11, Monday, July 9, 09:00-09:30
Lin, Chiu-Ju	SS64, PS6, Saturday, July 7, 14:00-14:30
Lin, Guo	SS33, PS12, Monday, July 9, 13:30-14:00
Lin, Jessica	SS128, PS4, Friday, July 6, 17:30-18:00

Lin, Ji	SS55, PS8, Sunday, July 8, 08:30-09:00
Lin, Jian-Jhong	SS28, PS1, Thursday, July 5, 16:00-16:30
Lin, Jianwei	SS99, PS9, Sunday, July 8, 15:00-15:30
Lin, Kevin K.	SS140, PS12, Monday, July 9, 13:30-14:00
Lin, Ping	SS116, PS9, Sunday, July 8, 14:30-15:00
Lin, Ping	SS134, PS2, Friday, July 6, 08:30-09:00
Lin, Tai-Chia	SS15, PS1, Thursday, July 5, 15:00-15:30
Lin, Tai-Chia	SS17, PS5, Saturday, July 7, 09:00-09:30
Lin, Wen-Wei	SS28, PS2, Friday, July 6, 09:30-10:00
Lin, Zhiwu	SS92, PS9, Sunday, July 8, 15:00-15:30
Lind, Martin	SS89, PS4, Friday, July 6, 16:30-17:00
Lindström, Torsten A.	SS64, PS6, Saturday, July 7, 13:30-14:00
Lissy, Pierre	SS2, PS7, Saturday, July 7, 15:30-16:00
Liu, Chi Hei Christopher	CS3, PS2, Friday, July 6, 09:20-09:40
Liu, Chun	SS116, PS10, Sunday, July 8, 16:00-16:30
Liu, Chun	SS15, PS1, Thursday, July 5, 18:00-18:30
Liu, Di	SS34, PS9, Sunday, July 8, 14:30-15:00
Liu, Guanqi	SS50, PS10, Sunday, July 8, 17:00-17:30
Liu, Hanbing	SS2, PS7, Saturday, July 7, 16:30-17:00
Liu, Honghu	SS148, PS1, Thursday, July 5, 17:00-17:30
Liu, Honghu	SS16, PS10, Sunday, July 8, 17:00-17:30
Liu, Hui	SS4, PS1, Thursday, July 5, 17:30-18:00
Liu, Jinn-Liang	SS114, PS9, Sunday, July 8, 14:00-14:30
Liu, Maoxing	SS82, PS1, Thursday, July 5, 17:00-17:30
Liu, Ping	SS18, PS6, Saturday, July 7, 13:30-14:00
Liu, Qing	SS68, PS3, Friday, July 6, 15:00-15:30
Liu, Qing Ping	SS49, PS10, Sunday, July 8, 16:00-16:30
Liu, Ruihua	SS146, PS2, Friday, July 6, 09:30-10:00
Liu, Shunlian	SS108, PS13, Monday, July 9, 16:00-16:30
Liu, Tai-Ping	SS111, PS3, Friday, July 6, 13:30-14:00
Liu, Wei	SS23, PS3, Friday, July 6, 15:00-15:30
Liu, Yue	SS36, PS10, Sunday, July 8, 18:00-18:30
Liu, Yujie	SS59, PS12, Monday, July 9, 14:30-15:00
Liu, Zhiming	SS20, PS6, Saturday, July 7, 14:30-15:00
Lkhagvasuren, Bataa	CS2, PS2, Friday, July 6, 08:20-08:40
Lo, Wing-Cheong	SS30, PS9, Sunday, July 8, 14:00-14:30
Lokharu, Evgeniy D.	SS48, PS3, Friday, July 6, 13:30-14:00
Long, Hongwei H.	SS61, PS3, Friday, July 6, 14:30-15:00
Lopez-Gomez, Julian	SS17, PS7, Saturday, July 7, 15:30-16:00
Lopez-Ruiz, Ricardo	SS132, PS5, Saturday, July 7, 08:00-08:30
Lorenzani, Silvia	SS100, PS9, Sunday, July 8, 14:00-14:30
Lou, Bendong	SS117, PS11, Monday, July 9, 09:30-10:00
Lou, Bendong	SS65, PS5, Saturday, July 7, 09:30-10:00
Lou, Senyue	SS141, PS1, Thursday, July 5, 15:00-15:30
Lou, Yijun	SS11, PS12, Monday, July 9, 15:00-15:30
Lou, Yijun	SS84, PS3, Friday, July 6, 14:30-15:00
Lu, Shuai	SS5, PS4, Friday, July 6, 18:00-18:30
Lu, Songsong	SS20, PS7, Saturday, July 7, 15:30-16:00
Lu, Yong	SS109, PS1, Thursday, July 5, 17:00-17:30
Lu, Yong	SS7, PS11, Monday, July 9, 09:00-09:30
Luh, Hsing	SS81, PS1, Thursday, July 5, 18:00-18:30
Lustri, Christopher	SS108, PS11, Monday, July 9, 08:00-08:30
Lv, Xiang	SS31, PS9, Sunday, July 8, 15:00-15:30
Lv, Zhongxue	SS105, PS10, Sunday, July 8, 16:30-17:00
Lyons, Tony	SS36, PS9, Sunday, July 8, 14:00-14:30
Lyuu, Yuh-Dauh	SS99, PS10, Sunday, July 8, 17:00-17:30
Ma, Haifeng	SS50, PS11, Monday, July 9, 09:00-09:30
MA, Yue	SS22, PS6, Saturday, July 7, 14:30-15:00
Macdonald, Colin B.	SS145, PS4, Friday, July 6, 17:00-17:30
Macha, Vaclav	SS26, PS9, Sunday, July 8, 15:00-15:30
Madzvamuse, Anotida	SS132, PS3, Friday, July 6, 13:30-14:00
Madzvamuse, Anotida	SS31, PS8, Sunday, July 8, 08:00-08:30
Maeda, Masaya	SS121, PS2, Friday, July 6, 08:00-08:30
Magpantay, Felicia	SS64, PS5, Saturday, July 7, 08:00-08:30
Mainini, Edoardo	SS10, PS9, Sunday, July 8, 14:30-15:00
Maire, Luis	SS17, PS1, Thursday, July 5, 16:00-16:30
Majewski, Marek M.	SS35, PS3, Friday, July 6, 14:00-14:30
Manasevich, Raul	SS138, PS10, Sunday, July 8, 18:00-18:30
Marangell, Robert	SS108, PS11, Monday, July 9, 08:30-09:00

Marangell, Robert	SS143, PS1, Thursday, July 5, 16:00-16:30
Marconi, Elio	SS137, PS7, Saturday, July 7, 16:00-16:30
Mari, Luciano	SS71, PS10, Sunday, July 8, 17:00-17:30
Mari, Luciano	SS88, PS7, Saturday, July 7, 15:30-16:00
Mariconda, Carlo	SS32, PS10, Sunday, July 8, 16:00-16:30
Maringova, Erika	CS2, PS1, Thursday, July 5, 15:00-15:20
Maroulas, Vasileios	SS61, PS4, Friday, July 6, 17:30-18:00
Maroulas, Vasileios	SS79, PS10, Sunday, July 8, 17:00-17:30
Marras, Monica	SS69, PS1, Thursday, July 5, 16:00-16:30
Martinez, Salvador Lopez	CS2, PS9, Sunday, July 8, 14:50-15:10
Martinez, Vincent	SS83, PS12, Monday, July 9, 14:30-15:00
Marugame, Taiji	SS122, PS7, Saturday, July 7, 16:30-17:00
Maruno, Kenichi	SS49, PS10, Sunday, July 8, 17:30-18:00
Masaki, Satoshi	SS52, PS12, Monday, July 9, 13:30-14:00
Masamune, Jun	SS97, PS9, Sunday, July 8, 15:00-15:30
Masiero, Federica	SS81, PS4, Friday, July 6, 17:30-18:00
Matano, Hiroshi	SS17, PS7, Saturday, July 7, 16:00-16:30
Matano, Hiroshi	SS18, PS1, Thursday, July 5, 16:30-17:00
Matsuzaki, Katsuhiko	SS97, PS9, Sunday, July 8, 14:00-14:30
Matsuzawa, Hiroshi	SS117, PS10, Sunday, July 8, 17:00-17:30
Matsuzawa, Hiroshi	SS127, PS7, Saturday, July 7, 17:00-17:30
Matzavinos, Anastasios	SS45, PS8, Sunday, July 8, 09:30-10:00
Mazet, Laurent	SS88, PS7, Saturday, July 7, 16:00-16:30
Mazumdar, Saikat	SS58, PS1, Thursday, July 5, 16:00-16:30
Mazzucato, Anna L.	SS137, PS7, Saturday, July 7, 15:30-16:00
McCalla, Scott	SS143, PS1, Thursday, July 5, 16:30-17:00
Mederski, Jaroslaw	SS105, PS12, Monday, July 9, 13:30-14:00
Medina, Maria	SS71, PS10, Sunday, July 8, 16:00-16:30
Medina, Maria	SS80, PS10, Sunday, July 8, 17:30-18:00
Mei, Ming	SS51, PS8, Sunday, July 8, 09:30-10:00
Mei, Ming	SS8, PS8, Sunday, July 8, 08:30-09:00
Mendelson, Dana	SS111, PS4, Friday, July 6, 18:00-18:30
Mendelson, Dana	SS52, PS10, Sunday, July 8, 17:00-17:30
Messaoudi, Salim A.	SS69, PS1, Thursday, July 5, 16:30-17:00
Meszaros, Alpar R.	SS131, PS2, Friday, July 6, 09:30-10:00
Metzger, Jan	SS88, PS7, Saturday, July 7, 16:30-17:00
Meyer, Marcela Molina	SS132, PS7, Saturday, July 7, 16:30-17:00
Meyer, Marcela Molina	SS17, PS4, Friday, July 6, 16:00-16:30
Michta, Mariusz	SS32, PS10, Sunday, July 8, 16:30-17:00
Michta, Mariusz	SS35, PS2, Friday, July 6, 09:30-10:00
Mieussens, Luc	SS100, PS7, Saturday, July 7, 15:30-16:00
Mieussens, Luc	SS95, PS10, Sunday, July 8, 17:00-17:30
Migorski, Stanislaw	SS35, PS1, Thursday, July 5, 15:00-15:30
Miller, Peter D.	SS49, PS8, Sunday, July 8, 09:00-09:30
Mimura, Yoshifumi	SS127, PS9, Sunday, July 8, 14:30-15:00
Miranville, Alain	SS116, PS10, Sunday, July 8, 16:30-17:00
Miranville, Alain	SS18, PS5, Saturday, July 7, 09:00-09:30
Mitake, Hiroyoshi	SS107, PS4, Friday, July 6, 17:00-17:30
Mitsotakis, Dimitrios	SS24, PS3, Friday, July 6, 13:30-14:00
Miura, Tatsuya	SS102, PS7, Saturday, July 7, 17:00-17:30
Miura, Tatsuya	SS128, PS4, Friday, July 6, 16:30-17:00
Miyachi, Hideki	SS97, PS7, Saturday, July 7, 15:30-16:00
Miyamoto, Yasuhito Y.	SS101, PS3, Friday, July 6, 15:00-15:30
Miyamoto, Yasuhito Y.	SS18, PS6, Saturday, July 7, 14:00-14:30
Mizukami, Masaaki	SS47, PS1, Thursday, July 5, 16:30-17:00
Mizukami, Masaaki	SS56, PS3, Friday, July 6, 14:30-15:00
Modena, Stefano	SS137, PS7, Saturday, July 7, 17:00-17:30
Mohammadi, Seyyed Abbas	SS150, PS8, Sunday, July 8, 09:30-10:00
Mondaini, Cecilia	SS83, PS12, Monday, July 9, 14:00-14:30
Mondello, Ilaria	SS88, PS8, Sunday, July 8, 08:00-08:30
Monobe, Harunori	SS18, PS7, Saturday, July 7, 16:30-17:00
Monobe, Harunori	SS8, PS10, Sunday, July 8, 16:00-16:30
Montoro, Luigi	SS60, PS6, Saturday, July 7, 13:30-14:00
Montoro, Luigi	SS93, PS5, Saturday, July 7, 09:00-09:30
Moon, Byungsoo	SS69, PS2, Friday, July 6, 09:00-09:30
Mooney, Connor	SS58, PS2, Friday, July 6, 08:00-08:30
Morabito, Filippo	SS93, PS8, Sunday, July 8, 09:00-09:30
Morandotti, Marco	SS131, PS3, Friday, July 6, 13:30-14:00
Morandotti, Marco	SS144, PS7, Saturday, July 7, 15:30-16:00

Mori, Tatsuki	SS47, PS1, Thursday, July 5, 17:00-17:30
Morita, Yoshihisa	SS117, PS10, Sunday, July 8, 16:30-17:00
Morita, Yoshihisa	SS47, PS1, Thursday, July 5, 15:30-16:00
Moroz, Vitaly	SS60, PS3, Friday, July 6, 13:30-14:00
Motta, Monica	SS107, PS4, Friday, July 6, 16:30-17:00
Motta, Monica	SS32, PS9, Sunday, July 8, 14:30-15:00
Motyl, Jerzy	SS35, PS2, Friday, July 6, 09:00-09:30
Mucha, Piotr	SS26, PS7, Saturday, July 7, 16:30-17:00
Mucha, Piotr	SS7, PS11, Monday, July 9, 08:00-08:30
Muha, Boris	SS26, PS9, Sunday, July 8, 14:30-15:00
Munoz, Claudio A.	SS138, PS8, Sunday, July 8, 08:30-09:00
Muntean, Adrian	SS89, PS3, Friday, July 6, 13:30-14:00
Murai, Minoru	SS47, PS3, Friday, July 6, 14:30-15:00
Murakawa, Hideki	SS18, PS7, Saturday, July 7, 17:00-17:30
Murase, Yusuke	SS89, PS6, Saturday, July 7, 14:30-15:00
Muratori, Matteo	SS10, PS8, Sunday, July 8, 09:30-10:00
Muratori, Matteo	SS102, PS6, Saturday, July 7, 13:30-14:00
Murphy, Jason	SS111, PS4, Friday, July 6, 17:00-17:30
Murphy, Jason	SS52, PS12, Monday, July 9, 14:00-14:30
Murphy, Laura R.	SS41, PS2, Friday, July 6, 09:00-09:30
Naeem, Imran	SS132, PS7, Saturday, July 7, 17:00-17:30
Naeem, Imran	SS54, PS1, Thursday, July 5, 16:30-17:00
Nagahata, Yukio	SS16, PS1, Thursday, July 5, 16:00-16:30
Nagayama, Masaharu	SS47, PS3, Friday, July 6, 13:30-14:00
Naimen, Daisuke	SS101, PS4, Friday, July 6, 16:30-17:00
Naito, Yuki	SS101, PS4, Friday, July 6, 18:00-18:30
Naito, Yuki	SS102, PS8, Sunday, July 8, 08:30-09:00
Nakada, Hitoshi	SS13, PS3, Friday, July 6, 13:30-14:00
Nakamura, Fumihiko	SS126, PS13, Monday, July 9, 17:00-17:30
Nakamura, Gou	SS97, PS8, Sunday, July 8, 09:30-10:00
Nakamura, Ken-Ichi	SS117, PS11, Monday, July 9, 08:30-09:00
Nakamura, Ken-Ichi	SS18, PS4, Friday, July 6, 16:00-16:30
Nakano, Yushi	SS126, PS13, Monday, July 9, 17:30-18:00
Nakaoka, Shinji	SS42, PS4, Friday, July 6, 17:00-17:30
Nakata, Yukihiko	SS64, PS4, Friday, July 6, 17:30-18:00
Nakatsu, Tomonori	SS74, PS13, Monday, July 9, 16:30-17:00
Nakayashiki, Ryota	SS9, PS5, Saturday, July 7, 09:00-09:30
Namba, Toshiyuki T.	SS42, PS4, Friday, July 6, 16:00-16:30
Namekawa, Mitsuhiro	SS96, PS8, Sunday, July 8, 09:30-10:00
Nara, Mitsunori	SS18, PS3, Friday, July 6, 14:00-14:30
Narski, Jacek	SS100, PS7, Saturday, July 7, 16:30-17:00
Natsui, Rie	SS13, PS1, Thursday, July 5, 17:00-17:30
Naz, Rehana	SS132, PS7, Saturday, July 7, 17:30-18:00
Naz, Rehana	SS70, PS3, Friday, July 6, 14:30-15:00
Necasova, Sarka	SS26, PS10, Sunday, July 8, 17:30-18:00
Neukamm, Stefan S.	SS1, PS11, Monday, July 9, 08:30-09:00
Neukamm, Stefan S.	SS120, PS6, Saturday, July 7, 14:00-14:30
Neustupa, Jiri	SS26, PS9, Sunday, July 8, 13:30-14:00
Nguyen-Huu, Tri	SS11, PS11, Monday, July 9, 08:00-08:30
Nguyen, Hoa	SS94, PS5, Saturday, July 7, 08:30-09:00
Nguyen, Hung	SS148, PS3, Friday, July 6, 14:00-14:30
Nguyen, Tai	SS138, PS10, Sunday, July 8, 16:30-17:00
Nguyen, Tai	SS80, PS11, Monday, July 9, 09:00-09:30
Nguyen, Tien Khai	SS32, PS8, Sunday, July 8, 08:30-09:00
Nguyen, Tien Khai	SS68, PS2, Friday, July 6, 09:00-09:30
Ni, David C.	CS5, PS5, Saturday, July 7, 08:40-09:00
Ni, Wei-Ming	SS11, PS8, Sunday, July 8, 08:30-09:00
Nie, Hua	SS11, PS10, Sunday, July 8, 18:00-18:30
Nie, Hua	SS84, PS1, Thursday, July 5, 17:00-17:30
Nieto, Alejandro López	SS139, PS1, Thursday, July 5, 15:30-16:00
Nilsson, Dag	SS24, PS1, Thursday, July 5, 16:30-17:00
Nishibata, Shinya	SS95, PS8, Sunday, July 8, 08:30-09:00
Nishiguchi, Junya	SS139, PS1, Thursday, July 5, 16:00-16:30
Nishiguchi, Junya	SS64, PS4, Friday, July 6, 17:00-17:30
Nishio, Masaharu	SS97, PS10, Sunday, July 8, 16:30-17:00
Nishiura, Hiroshi	SS53, PS1, Thursday, July 5, 15:00-15:30
Niu, Dongjuan	SS51, PS8, Sunday, July 8, 09:00-09:30
Niu, Xiaohua	SS154, PS9, Sunday, July 8, 15:00-15:30
Niu, Yi	SS69, PS1, Thursday, July 5, 17:30-18:00

Noh, Se Eun	SS95, PS11, Monday, July 9, 08:30-09:00
Novak, Andrej A.	CS2, PS2, Friday, July 6, 08:40-09:00
Novick-Cohen, Amy	SS18, PS5, Saturday, July 7, 08:30-09:00
Novick-Cohen, Amy	SS9, PS6, Saturday, July 7, 13:00-13:30
Novikov, Alexei	SS83, PS13, Monday, July 9, 16:30-17:00
Novotny, Antonin	SS7, PS13, Monday, July 9, 17:00-17:30
Ntekoume, Maria	SS52, PS11, Monday, July 9, 09:00-09:30
Nudee, Kadkanok	CS3, PS10, Sunday, July 8, 18:00-18:20
Nurbekyan, Levon	SS131, PS3, Friday, July 6, 14:30-15:00
Nuyens, Dirk	SS79, PS10, Sunday, July 8, 16:30-17:00
Ochal, Anna	SS35, PS1, Thursday, July 5, 16:30-17:00
Ogawa, Toshiyuki	SS18, PS4, Friday, July 6, 16:30-17:00
Oh, Jumi	SS105, PS10, Sunday, July 8, 18:00-18:30
Ohta, Masahito	SS121, PS1, Thursday, July 5, 15:30-16:00
Ohtsuka, Hiroshi	SS93, PS5, Saturday, July 7, 08:30-09:00
Ohtsuka, Takeshi	SS145, PS6, Saturday, July 7, 13:00-13:30
Okumura, Makoto	SS89, PS6, Saturday, July 7, 14:00-14:30
Olbermann, Heiner	SS120, PS7, Saturday, July 7, 15:30-16:00
Oliver, Marcel	SS18, PS8, Sunday, July 8, 08:30-09:00
Oliver, Marcel	SS27, PS4, Friday, July 6, 17:30-18:00
Oliveras, Katie	SS108, PS12, Monday, July 9, 14:30-15:00
Onitsuka, Masakazu	SS78, PS5, Saturday, July 7, 08:00-08:30
Orlando, Gianluca	SS120, PS7, Saturday, July 7, 16:00-16:30
Orlando, Gianluca	SS75, PS4, Friday, July 6, 17:30-18:00
Orlov, Vladimir	CS2, PS9, Sunday, July 8, 13:30-13:50
Oro, Filippo Dell	SS144, PS5, Saturday, July 7, 08:00-08:30
Oro, Filippo Dell	SS9, PS4, Friday, July 6, 17:30-18:00
Ortega, Jaime H.	SS138, PS9, Sunday, July 8, 14:30-15:00
Ortega, Jaime H.	SS144, PS6, Saturday, July 7, 14:30-15:00
Osada, Hirofumi	SS16, PS1, Thursday, July 5, 15:00-15:30
Oshita, Yoshihito	SS8, PS8, Sunday, July 8, 09:30-10:00
Ozcan, Nazife Erkursun	SS126, PS8, Sunday, July 8, 09:30-10:00
Ozcan, Nazife Erkursun	SS20, PS5, Saturday, July 7, 09:30-10:00
Özkan Öztürk	CS4, PS7, Saturday, July 7, 16:30-16:50
Özkan Öztürk	SS78, PS5, Saturday, July 7, 09:30-10:00
Padial, Juan Francisco	SS31, PS8, Sunday, July 8, 09:00-09:30
Pal, Samares	SS84, PS1, Thursday, July 5, 17:30-18:00
Pal, Samares	SS91, PS6, Saturday, July 7, 14:00-14:30
Palmer, Joseph	SS27, PS7, Saturday, July 7, 17:30-18:00
Palmer, Kenneth K.	SS20, PS5, Saturday, July 7, 08:00-08:30
Palmer, Kenneth K.	SS99, PS8, Sunday, July 8, 08:00-08:30
Pan, Qing	SS37, PS6, Saturday, July 7, 13:30-14:00
Pan, Ronghua	SS57, PS5, Saturday, July 7, 08:30-09:00
Pan, Xiaoyang	SS61, PS3, Friday, July 6, 15:00-15:30
Pan, Xinghong	SS37, PS4, Friday, July 6, 18:00-18:30
Park, Jinhae	SS120, PS7, Saturday, July 7, 17:00-17:30
Park, Jinhae	SS15, PS3, Friday, July 6, 15:00-15:30
Park, Jung-Tae	SS22, PS6, Saturday, July 7, 14:00-14:30
Park, Junmi	SS105, PS12, Monday, July 9, 15:00-15:30
Parshad, Rana	SS8, PS10, Sunday, July 8, 17:00-17:30
Pascucci, Andrea	SS74, PS11, Monday, July 9, 08:00-08:30
Patrizi, Stefania	SS68, PS3, Friday, July 6, 14:00-14:30
Patrizi, Stefania	SS75, PS5, Saturday, July 7, 08:30-09:00
Pecora, Nicolo	SS132, PS6, Saturday, July 7, 13:00-13:30
Pedro, Sansao S.	CS3, PS10, Sunday, July 8, 17:20-17:40
Pelen, Neslihan Nesliye N.	SS78, PS7, Saturday, July 7, 16:30-17:00
Pelinovsky, Dmitry	SS108, PS11, Monday, July 9, 09:30-10:00
Pellacci, Benedetta	SS71, PS10, Sunday, July 8, 16:30-17:00
Pellacci, Benedetta	SS93, PS5, Saturday, July 7, 08:00-08:30
Peng, Chen-Chang	SS28, PS3, Friday, July 6, 15:00-15:30
Peng, Linyu	SS49, PS9, Sunday, July 8, 14:00-14:30
Peng, Qiujin	SS134, PS3, Friday, July 6, 14:30-15:00
Peng, Shuiran	SS9, PS3, Friday, July 6, 15:00-15:30
Peng, Xianhua	SS3, PS3, Friday, July 6, 15:00-15:30
Peng, Zijia	SS35, PS1, Thursday, July 5, 16:00-16:30
Perez-Carrasco, Ruben	SS157, PS6, Saturday, July 7, 13:00-13:30
Perrillat-Mercerot, Angelique	SS91, PS6, Saturday, July 7, 14:30-15:00
Peszat, Szymon	SS23, PS4, Friday, July 6, 16:00-16:30

Petcu, Madalina	SS9, PS2, Friday, July 6, 08:30-09:00
Petras, Argyrios	SS145, PS4, Friday, July 6, 16:30-17:00
Phali, Lehlohonolo	SS70, PS4, Friday, July 6, 16:30-17:00
Pham, Huyen	SS61, PS4, Friday, July 6, 18:00-18:30
Pham, Huyen	SS81, PS4, Friday, July 6, 17:00-17:30
Piasecki, Tomasz	SS26, PS7, Saturday, July 7, 17:00-17:30
Pierre, Morgan	SS9, PS3, Friday, July 6, 14:00-14:30
Piersanti, Paolo	SS80, PS12, Monday, July 9, 13:30-14:00
Pimentel, Edgard	SS131, PS1, Thursday, July 5, 16:00-16:30
Pimentel, Juliana	SS139, PS1, Thursday, July 5, 17:30-18:00
Pimentel, Juliana	SS20, PS5, Saturday, July 7, 09:00-09:30
Piotrowska, Monika J.	SS54, PS1, Thursday, July 5, 17:00-17:30
Piovano, Paolo	SS144, PS5, Saturday, July 7, 09:00-09:30
Piovano, Paolo	SS75, PS7, Saturday, July 7, 15:30-16:00
Piro (Vernier), Stella Maria	SS69, PS1, Thursday, July 5, 15:00-15:30
Piro (Vernier), Stella Maria	SS80, PS10, Sunday, July 8, 17:00-17:30
Plazotta, Simon	SS147, PS3, Friday, July 6, 14:30-15:00
Plechac, Petr	SS79, PS8, Sunday, July 8, 08:30-09:00
Pokorny, Milan	SS7, PS13, Monday, July 9, 16:30-17:00
Poliakovsky, Arkady	SS38, PS1, Thursday, July 5, 16:00-16:30
Pop, Camelia A.	SS148, PS3, Friday, July 6, 13:30-14:00
Porzio, Maria Michaela	SS69, PS3, Friday, July 6, 15:00-15:30
Pozar, Norbert	SS68, PS1, Thursday, July 5, 17:30-18:00
Pozar, Norbert	SS83, PS13, Monday, July 9, 17:30-18:00
Premoselli, Bruno	SS58, PS1, Thursday, July 5, 15:00-15:30
Premoselli, Bruno	SS88, PS6, Saturday, July 7, 13:00-13:30
Protas, Bartosz	SS77, PS5, Saturday, July 7, 09:30-10:00
Pucci, Patrizia	SS60, PS6, Saturday, July 7, 13:00-13:30
Pucci, Patrizia	SS93, PS8, Sunday, July 8, 09:30-10:00
Puel, Jean-Pierre J.	SS2, PS5, Saturday, July 7, 08:30-09:00
Punshon-Smith, Samuel D.	SS148, PS2, Friday, July 6, 09:00-09:30
Puppo, Gabriella	SS100, PS8, Sunday, July 8, 08:00-08:30
Qian, Tiezheng	SS116, PS10, Sunday, July 8, 17:00-17:30
Qian, Tiezheng	SS12, PS2, Friday, July 6, 08:30-09:00
Qiao, Huijie	SS146, PS1, Thursday, July 5, 15:30-16:00
Qiao, Zhijun	SS141, PS4, Friday, July 6, 18:00-18:30
Qiao, Zhonghua	SS12, PS4, Friday, July 6, 16:00-16:30
Qin, Tingting	SS155, PS12, Monday, July 9, 14:30-15:00
Qin, Wen-Xin	SS6, PS8, Sunday, July 8, 08:30-09:00
Qu, Changzheng	SS49, PS7, Saturday, July 7, 17:30-18:00
Quas, Anthony	SS126, PS11, Monday, July 9, 08:00-08:30
Quas, Anthony	SS13, PS7, Saturday, July 7, 15:30-16:00
Quiros, Fernando	SS117, PS9, Sunday, July 8, 14:00-14:30
Quiros, Fernando	SS127, PS7, Saturday, July 7, 15:30-16:00
Ragusa, Maria Alessandra	SS149, PS1, Thursday, July 5, 15:00-15:30
Ranetbauer, Helene	SS131, PS1, Thursday, July 5, 17:00-17:30
Rao, Sheng	SS122, PS7, Saturday, July 7, 17:00-17:30
Raoult, Annie A.	SS15, PS1, Thursday, July 5, 15:30-16:00
Rautmann, Reimund R.	SS26, PS10, Sunday, July 8, 16:30-17:00
Ravnik, Miha	SS15, PS1, Thursday, July 5, 17:00-17:30
Razafimandimby, Paul Andre P.	SS37, PS7, Saturday, July 7, 15:30-16:00
Reitmann, Volker	CS2, PS9, Sunday, July 8, 13:50-14:10
Reitmann, Volker	CS6, PS6, Saturday, July 7, 13:20-13:40
Resseguier, Valentin V.	SS140, PS13, Monday, July 9, 17:00-17:30
Rezunenko, Alexander	SS64, PS7, Saturday, July 7, 16:00-16:30
Rhouma, Mohamed Ben Haj	SS150, PS8, Sunday, July 8, 09:00-09:30
Rhouma, Mohamed Ben Haj	SS78, PS6, Saturday, July 7, 14:30-15:00
Richardson, Omar	SS143, PS2, Friday, July 6, 08:00-08:30
Richardson, Omar	SS89, PS3, Friday, July 6, 14:00-14:30
Rindler, Filip	SS128, PS5, Saturday, July 7, 08:00-08:30
Ringhofer, Christian	SS100, PS9, Sunday, July 8, 13:30-14:00
Roeckner, Michael	SS16, PS1, Thursday, July 5, 17:00-17:30
Roeckner, Michael	SS81, PS1, Thursday, July 5, 17:00-17:30
Rogovchenko, Yuriy	SS78, PS8, Sunday, July 8, 08:00-08:30
Roh, Jaiok	CS4, PS7, Saturday, July 7, 16:50-17:10
Romito, Marco	SS148, PS2, Friday, July 6, 08:30-09:00
Romito, Marco	SS23, PS1, Thursday, July 5, 17:00-17:30
Rong, Libin	SS84, PS3, Friday, July 6, 13:30-14:00

Roques, Lionel	SS8, PS9, Sunday, July 8, 14:30-15:00
Rosenzweig, Matthew	SS111, PS4, Friday, July 6, 17:30-18:00
Rosier, Lionel	SS2, PS5, Saturday, July 7, 09:00-09:30
Rosier, Lionel	SS24, PS1, Thursday, July 5, 15:30-16:00
Rosini, Massimiliano	SS100, PS8, Sunday, July 8, 09:30-10:00
Roslan, Ummu A. D. Mohd	SS132, PS6, Saturday, July 7, 14:30-15:00
Röst, Gergely	SS46, PS6, Saturday, July 7, 14:00-14:30
Roudenko, Svetlana	SS111, PS4, Friday, July 6, 16:30-17:00
Roudenko, Svetlana	SS52, PS10, Sunday, July 8, 17:30-18:00
Rozanova, Olga	SS132, PS2, Friday, July 6, 08:30-09:00
Rozanova, Olga	SS63, PS1, Thursday, July 5, 17:30-18:00
Ruan, Weihua	SS46, PS5, Saturday, July 7, 09:30-10:00
Rueland, Angkana	SS120, PS4, Friday, July 6, 16:30-17:00
Rueland, Angkana	SS128, PS3, Friday, July 6, 13:30-14:00
Ruf, Bernhard	SS106, PS1, Thursday, July 5, 15:00-15:30
Ruf, Matthias	SS1, PS11, Monday, July 9, 09:00-09:30
Saalmann, Aaron	SS121, PS2, Friday, July 6, 09:30-10:00
Sadaf, Hina	SS72, PS10, Sunday, July 8, 18:00-18:30
Sadyrbaev, Felix	CS1, PS10, Sunday, July 8, 16:40-17:00
Sadyrbaev, Felix	CS6, PS6, Saturday, July 7, 13:40-14:00
Safdar, Muhammad	SS70, PS5, Saturday, July 7, 09:30-10:00
Sahani, Saroj Kumar	CS1, PS2, Friday, July 6, 09:00-09:20
Saisho, Yasumasa	SS96, PS9, Sunday, July 8, 13:30-14:00
Saito, Masaya M.	SS25, PS1, Thursday, July 5, 16:30-17:00
Saito, Yasuhisa	SS64, PS7, Saturday, July 7, 17:30-18:00
Sakhnovich, Alexander L.	SS36, PS9, Sunday, July 8, 14:30-15:00
Saleewong, Teerapol	CS4, PS7, Saturday, July 7, 17:10-17:30
Sambandam, Baskar	CS2, PS9, Sunday, July 8, 14:10-14:30
Sang, Yanbin	SS104, PS7, Saturday, July 7, 16:30-17:00
Sanguansuttigul, Printaporn	CS3, PS2, Friday, July 6, 08:20-08:40
Sani, Federica	SS93, PS5, Saturday, July 7, 09:30-10:00
Sanjuan, Miguel	SS156, PS1, Thursday, July 5, 15:00-15:30
Sano, Megumi	SS101, PS6, Saturday, July 7, 13:30-14:00
Sano, Megumi	SS151, PS11, Monday, July 9, 09:30-10:00
Sansonetto, Nicola	SS27, PS4, Friday, July 6, 18:30-19:00
Sanz-Alonso, Daniel	SS79, PS9, Sunday, July 8, 15:00-15:30
Sasada, Makiko	SS16, PS1, Thursday, July 5, 16:30-17:00
Sato, Ryuichi	SS102, PS7, Saturday, July 7, 17:30-18:00
Saunders, David	SS99, PS9, Sunday, July 8, 13:30-14:00
Scapellato, Andrea	SS149, PS1, Thursday, July 5, 16:00-16:30
Scarabel, Francesca	SS64, PS5, Saturday, July 7, 08:30-09:00
Scardia, Lucia	SS120, PS6, Saturday, July 7, 13:00-13:30
Scardia, Lucia	SS75, PS6, Saturday, July 7, 13:30-14:00
Scarpa, Luca	SS144, PS6, Saturday, July 7, 13:00-13:30
Scarpa, Luca	SS23, PS1, Thursday, July 5, 15:00-15:30
Schikorra, Armin	SS45, PS9, Sunday, July 8, 15:00-15:30
Schikorra, Armin	SS60, PS5, Saturday, July 7, 08:00-08:30
Schimperna, Giulio	SS144, PS6, Saturday, July 7, 14:00-14:30
Schimperna, Giulio	SS9, PS5, Saturday, July 7, 08:00-08:30
Schlömerkemper, Anja	SS15, PS1, Thursday, July 5, 17:30-18:00
Schmidt, Bernd	SS120, PS6, Saturday, July 7, 14:30-15:00
Schmidt, Deena	SS45, PS10, Sunday, July 8, 16:00-16:30
Sciunzi, Berardino	SS60, PS3, Friday, July 6, 14:00-14:30
Sciunzi, Berardino	SS88, PS8, Sunday, July 8, 09:00-09:30
Sedjro, Marc M.	SS131, PS1, Thursday, July 5, 18:00-18:30
Segata, Jun-Ichi	SS52, PS10, Sunday, July 8, 18:00-18:30
Seis, Christian	SS120, PS4, Friday, July 6, 17:30-18:00
Seis, Christian	SS137, PS7, Saturday, July 7, 16:30-17:00
Sengul, Yasemin	SS120, PS4, Friday, July 6, 18:00-18:30
Sengul, Yasemin	SS75, PS7, Saturday, July 7, 16:00-16:30
Seo, Keomkyo	SS88, PS9, Sunday, July 8, 13:30-14:00
Seo, Sat Byul	SS142, PS11, Monday, July 9, 09:00-09:30
Seoane, Jesus M.	SS156, PS1, Thursday, July 5, 16:00-16:30
Seol, Yunchang	SS94, PS5, Saturday, July 7, 09:00-09:30
Sfakianakis, Nikolaos	SS41, PS1, Thursday, July 5, 15:00-15:30
Shams, Moniba	SS72, PS9, Sunday, July 8, 14:00-14:30
Shan, Chunhua	SS82, PS1, Thursday, July 5, 17:30-18:00
Shang, Peipei	SS2, PS6, Saturday, July 7, 13:30-14:00
Shang, Zaijiu	SS147, PS5, Saturday, July 7, 08:00-08:30

Shangerganesh, Lingeshwaran	SS132, PS4, Friday, July 6, 16:00-16:30
Sharma, Madhukant	CS1, PS9, Sunday, July 8, 14:50-15:10
Sharp, Richard	SS126, PS9, Sunday, July 8, 13:30-14:00
Shen, Chun-Yen	SS38, PS1, Thursday, July 5, 17:30-18:00
Shen, Jie	SS12, PS5, Saturday, July 7, 08:00-08:30
Shen, Jie	SS134, PS2, Friday, July 6, 08:00-08:30
Shen, Shoufeng	SS49, PS6, Saturday, July 7, 13:30-14:00
Sheu, Shuenn-Jyi	SS146, PS3, Friday, July 6, 13:30-14:00
Sheu, Shuenn-Jyi	SS61, PS1, Thursday, July 5, 16:30-17:00
Shi, Enhui	SS13, PS4, Friday, July 6, 18:00-18:30
Shi, Jingtao	SS61, PS1, Thursday, July 5, 17:00-17:30
Shi, Junping	SS84, PS1, Thursday, July 5, 15:00-15:30
Shi, Ke	SS103, PS11, Monday, July 9, 09:30-10:00
Shi, Renkun	SS57, PS7, Saturday, July 7, 15:30-16:00
Shi, Shujun	SS50, PS11, Monday, July 9, 08:00-08:30
Shi, Yufeng	SS3, PS4, Friday, July 6, 16:00-16:30
Shibata, Tetsutaro	SS101, PS3, Friday, July 6, 14:30-15:00
Shibata, Tetsutaro	SS17, PS2, Friday, July 6, 09:30-10:00
Shibayama, Mitsuru	SS25, PS3, Friday, July 6, 14:30-15:00
Shieh, Tien-Tsan	SS143, PS1, Thursday, July 5, 17:00-17:30
Shieh, Tien-Tsan	SS150, PS9, Sunday, July 8, 14:00-14:30
Shimabukuro, Yusuke	SS49, PS6, Saturday, July 7, 13:00-13:30
Shimojo, Masahiko	SS8, PS10, Sunday, July 8, 17:30-18:00
Shimomura, Katsunori	SS97, PS7, Saturday, July 7, 17:00-17:30
Shin, Pilsoo	SS22, PS6, Saturday, July 7, 13:30-14:00
Shin, Yong Hyun	SS99, PS10, Sunday, July 8, 16:00-16:30
Shinkai, Kimiaki	SS96, PS9, Sunday, July 8, 14:00-14:30
Shinoda, Mao	SS13, PS7, Saturday, July 7, 16:30-17:00
Shioji, Naoki	SS101, PS5, Saturday, July 7, 09:30-10:00
Shioji, Naoki	SS14, PS8, Sunday, July 8, 08:30-09:00
Shirakawa, Ken	SS89, PS4, Friday, July 6, 18:00-18:30
Shiu, Shang-Yuan	SS16, PS10, Sunday, July 8, 17:30-18:00
Shiue, Ming-Cheng	SS125, PS7, Saturday, July 7, 17:30-18:00
Shiue, Ming-Cheng	SS143, PS1, Thursday, July 5, 15:00-15:30
Shtylla, Blerta	SS45, PS10, Sunday, July 8, 16:30-17:00
Shu, Hongying	SS84, PS1, Thursday, July 5, 18:00-18:30
Siddique, Javed	SS72, PS8, Sunday, July 8, 08:30-09:00
Siemaszko, Artur	SS13, PS6, Saturday, July 7, 13:30-14:00
Silva, Ricardo Parreira Da	CS2, PS1, Thursday, July 5, 17:00-17:20
Silvestre, Ana L.	SS26, PS9, Sunday, July 8, 14:00-14:30
Sim, Inbo	SS101, PS6, Saturday, July 7, 14:00-14:30
Simon, John Sebastian	CS3, PS10, Sunday, July 8, 17:40-18:00
Simon, John Sebastian	CS4, PS7, Saturday, July 7, 17:30-17:50
Simpson, Gideon	SS108, PS12, Monday, July 9, 15:00-15:30
Simpson, Gideon	SS89, PS4, Friday, July 6, 17:00-17:30
Singh, Anuraj	CS1, PS2, Friday, July 6, 09:40-10:00
Singh, Manpreet	SS13, PS6, Saturday, July 7, 14:00-14:30
Sire, Yannick	SS102, PS5, Saturday, July 7, 08:30-09:00
Sire, Yannick	SS93, PS6, Saturday, July 7, 13:30-14:00
Sista, Sivaji Ganesh	CS2, PS9, Sunday, July 8, 14:30-14:50
Skalak, Zdenek	SS26, PS7, Saturday, July 7, 17:30-18:00
Slijepcevic, Sinisa	SS127, PS9, Sunday, July 8, 15:00-15:30
Slunyaev, Alexey	SS48, PS1, Thursday, July 5, 15:00-15:30
Smith, Dave	SS49, PS5, Saturday, July 7, 09:30-10:00
Smith, Scott	SS23, PS1, Thursday, July 5, 16:00-16:30
Snelson, Stanley	SS111, PS3, Friday, July 6, 14:30-15:00
Soga, Kohei	SS68, PS1, Thursday, July 5, 15:30-16:00
Sogge, Christopher	SS52, PS10, Sunday, July 8, 16:00-16:30
Solar, Abraham I.	SS69, PS2, Friday, July 6, 08:30-09:00
Son, Younghwan	SS13, PS4, Friday, July 6, 16:30-17:00
Song, Changming	SS69, PS4, Friday, July 6, 16:30-17:00
Song, Huailing	SS155, PS13, Monday, July 9, 17:30-18:00
Song, Kyungwoo	SS151, PS12, Monday, July 9, 14:00-14:30
Song, Le	SS34, PS9, Sunday, July 8, 15:00-15:30
Song, Qingshuo	SS146, PS1, Thursday, July 5, 16:30-17:00
Song, WenZhan	SS34, PS8, Sunday, July 8, 08:00-08:30
Sonner, Stefanie	SS20, PS5, Saturday, July 7, 08:30-09:00
Sonner, Stefanie	SS45, PS10, Sunday, July 8, 17:00-17:30
Sovrano, Elisa	SS104, PS5, Saturday, July 7, 09:30-10:00

Sovrano, Elisa	SS14, PS8, Sunday, July 8, 08:00-08:30
Specovius-Neugebauer, Maria	SS15, PS4, Friday, July 6, 16:00-16:30
Specovius-Neugebauer, Maria	SS26, PS7, Saturday, July 7, 15:30-16:00
Spector, Daniel	SS60, PS5, Saturday, July 7, 09:30-10:00
Stadler, Eva	CS3, PS2, Friday, July 6, 08:40-09:00
Stankewitz, Rich	SS126, PS12, Monday, July 9, 13:30-14:00
Stefanov, Atanas	SS121, PS1, Thursday, July 5, 16:30-17:00
Stiehl, Thomas	SS54, PS1, Thursday, July 5, 15:00-15:30
Stoilov, Nikola	SS49, PS10, Sunday, July 8, 17:00-17:30
Su, Jianzhong	SS132, PS7, Saturday, July 7, 16:00-16:30
Su, Jianzhong	SS142, PS12, Monday, July 9, 13:30-14:00
Su, Linlin	SS11, PS10, Sunday, July 8, 17:00-17:30
Su, Shih-Hao	SS63, PS1, Thursday, July 5, 15:30-16:00
Sughiyama, Yuki	SS157, PS7, Saturday, July 7, 17:00-17:30
Sugiyama, Yoshie	SS10, PS8, Sunday, July 8, 08:30-09:00
Sugiyama, Yoshie	SS127, PS7, Saturday, July 7, 16:30-17:00
Sumi, Hiroki	SS126, PS12, Monday, July 9, 14:30-15:00
Sumi, Naoya	SS126, PS9, Sunday, July 8, 15:00-15:30
Sun, Chengjun	SS53, PS1, Thursday, July 5, 16:30-17:00
Sun, Gaofei	SS153, PS10, Sunday, July 8, 16:00-16:30
Sun, Jiguang	SS5, PS4, Friday, July 6, 16:30-17:00
Sun, Juntao	SS73, PS2, Friday, July 6, 09:30-10:00
Sun, Ningkui	SS117, PS10, Sunday, July 8, 18:00-18:30
Sun, Rongfeng	SS123, PS9, Sunday, July 8, 14:00-14:30
Sun, Shanzhong	SS25, PS2, Friday, July 6, 08:00-08:30
Sun, Shanzhong	SS4, PS1, Thursday, July 5, 15:30-16:00
Sun, Shu-Ming	SS24, PS1, Thursday, July 5, 17:00-17:30
Sun, Yajuan	SS134, PS4, Friday, July 6, 16:00-16:30
Sun, Yajuan	SS147, PS5, Saturday, July 7, 09:00-09:30
Sun, Yan	CS1, PS10, Sunday, July 8, 16:20-16:40
Sun, Yongzhong	SS7, PS11, Monday, July 9, 08:30-09:00
Sun, Yuhua	SS105, PS12, Monday, July 9, 14:00-14:30
Suzuki, Kanako	SS18, PS1, Thursday, July 5, 15:30-16:00
Suzuki, Noriaki	SS97, PS7, Saturday, July 7, 16:30-17:00
Svadlenka, Karel	SS145, PS5, Saturday, July 7, 08:30-09:00
Swiech, Andrzej	SS83, PS13, Monday, July 9, 17:00-17:30
Szymanska-Debowska, K.	CS1, PS10, Sunday, July 8, 17:00-17:20
Szymanska-Debowska, K.	SS54, PS1, Thursday, July 5, 16:00-16:30
Taguchi, Dai	SS74, PS12, Monday, July 9, 14:30-15:00
Taguchi, Satoshi	SS95, PS10, Sunday, July 8, 17:30-18:00
Taj, Safia	SS72, PS10, Sunday, July 8, 16:30-17:00
Takahashi, Daisuke	SS49, PS4, Friday, July 6, 16:00-16:30
Takahashi, Futoshi	SS60, PS4, Friday, July 6, 17:00-17:30
Takahashi, Futoshi	SS93, PS6, Saturday, July 7, 14:00-14:30
Takahashi, Hiroshi	SS132, PS5, Saturday, July 7, 09:30-10:00
Takahashi, Hiroshi	SS96, PS9, Sunday, July 8, 14:30-15:00
Takahashi, Jin	SS102, PS7, Saturday, July 7, 16:30-17:00
Takahasi, Hiroki	SS126, PS10, Sunday, July 8, 16:30-17:00
Takasaki, Kanehisa	SS49, PS6, Saturday, July 7, 14:30-15:00
Takata, Shigeru	SS100, PS6, Saturday, July 7, 14:00-14:30
Takeuchi, Shingo	SS101, PS7, Saturday, July 7, 15:30-16:00
Takeuchi, Shingo	SS47, PS3, Friday, July 6, 15:00-15:30
Takeuchi, Yasuhiro	SS42, PS4, Friday, July 6, 17:30-18:00
Takimoto, Kazuhiro	SS17, PS1, Thursday, July 5, 17:30-18:00
Tanaka, Haruyoshi	SS126, PS8, Sunday, July 8, 08:30-09:00
Tanaka, Kiyoki	SS97, PS10, Sunday, July 8, 16:00-16:30
Tanaka, Mieko	SS101, PS7, Saturday, July 7, 17:00-17:30
Tanaka, Satoshi	SS101, PS5, Saturday, July 7, 09:00-09:30
Tang, Qing	SS54, PS1, Thursday, July 5, 15:30-16:00
Tang, Qinglin	SS109, PS2, Friday, July 6, 09:30-10:00
Tang, Xiaoyan	SS141, PS2, Friday, July 6, 08:30-09:00
Tang, Yanbin	SS20, PS4, Friday, July 6, 16:00-16:30
Tang, Yong-Li	SS151, PS13, Monday, July 9, 16:30-17:00
Taniguchi, Masaharu	SS117, PS8, Sunday, July 8, 09:00-09:30
Tao, Kai	SS73, PS3, Friday, July 6, 13:30-14:00
Tao, Molei	SS132, PS7, Saturday, July 7, 15:30-16:00
Tao, Molei	SS147, PS4, Friday, July 6, 16:00-16:30
Tarama, Daisuke	SS27, PS7, Saturday, July 7, 16:30-17:00
Tariboon, Jessada	SS35, PS2, Friday, July 6, 08:00-08:30

Taskovic, Maja	SS111, PS3, Friday, July 6, 15:00-15:30
Tegegn, Tesfalem T.	SS70, PS7, Saturday, July 7, 15:30-16:00
Tegegn, Tesfalem T.	SS70, PS6, Saturday, July 7, 13:30-14:00
Tellini, Andrea	SS17, PS2, Friday, July 6, 08:00-08:30
Tellini, Andrea	SS65, PS6, Saturday, July 7, 13:00-13:30
Terragni, Filippo	CS3, PS2, Friday, July 6, 09:00-09:20
Tesei, Alberto	SS18, PS7, Saturday, July 7, 17:30-18:00
Tewary, Vivek V.	CS2, PS10, Sunday, July 8, 16:00-16:20
Teyekpiti, Vincent V.	SS48, PS1, Thursday, July 5, 17:00-17:30
Thizy, Pierre-Damien	SS58, PS3, Friday, July 6, 14:30-15:00
Thomas, Marita	SS18, PS7, Saturday, July 7, 16:00-16:30
Thomas, Marita	SS75, PS4, Friday, July 6, 18:00-18:30
Tian, Kai	SS55, PS10, Sunday, July 8, 17:00-17:30
Tian, Rushun	SS106, PS1, Thursday, July 5, 16:30-17:00
Timoshin, Sergey	SS89, PS5, Saturday, July 7, 08:30-09:00
Toader, Rodica	SS144, PS7, Saturday, July 7, 16:00-16:30
Toda, Kouichi	SS49, PS6, Saturday, July 7, 14:00-14:30
Todorov, Michail	SS142, PS12, Monday, July 9, 14:00-14:30
Todorov, Michail	SS36, PS8, Sunday, July 8, 09:00-09:30
Tokihiro, Tetsuji	SS49, PS4, Friday, July 6, 17:00-17:30
Tokuta, Yuya M.	SS139, PS1, Thursday, July 5, 16:30-17:00
Tone, Florentina	SS125, PS8, Sunday, July 8, 08:30-09:00
Tong, Xin	SS61, PS4, Friday, July 6, 16:30-17:00
Tong, Xin	SS79, PS9, Sunday, July 8, 13:30-14:00
Tonon, Daniela	SS107, PS5, Saturday, July 7, 08:00-08:30
Tonon, Daniela	SS131, PS2, Friday, July 6, 09:00-09:30
Totz, Nathan D.	SS108, PS13, Monday, July 9, 16:30-17:00
Totz, Nathan D.	SS111, PS5, Saturday, July 7, 08:30-09:00
Toyota, Yohei	SS151, PS12, Monday, July 9, 15:00-15:30
Tran, Hien	SS107, PS6, Saturday, July 7, 14:30-15:00
Tran, Hung V.	SS107, PS4, Friday, July 6, 16:00-16:30
Trescases, Ariane	CS2, PS10, Sunday, July 8, 16:20-16:40
Trucu, Dumitru	SS41, PS2, Friday, July 6, 08:00-08:30
Tsai, Je-Chiang	SS114, PS9, Sunday, July 8, 15:00-15:30
Tsai, Je-Chiang	SS17, PS1, Thursday, July 5, 18:00-18:30
Tsai, Richard	SS34, PS8, Sunday, July 8, 09:00-09:30
Tsai, Tai-Peng	SS121, PS1, Thursday, July 5, 17:00-17:30
Tsai, Tai-Peng	SS37, PS4, Friday, July 6, 17:00-17:30
Tsai, Ya-Lun	SS25, PS1, Thursday, July 5, 15:00-15:30
Tseng, Jui-Pin	SS28, PS1, Thursday, July 5, 18:00-18:30
Tsou, Chun-Hsiang	SS5, PS4, Friday, July 6, 17:00-17:30
Tsuji, Hidekazu	SS36, PS8, Sunday, July 8, 08:30-09:00
Tsujikawa, Tohru	SS8, PS9, Sunday, July 8, 13:30-14:00
Tsujimoto, Satoshi	SS49, PS9, Sunday, July 8, 15:00-15:30
Tsuzuki, Yutaka	SS89, PS3, Friday, July 6, 15:00-15:30
Tuncer, Necibe	SS18, PS1, Thursday, July 5, 16:00-16:30
Tuncer, Necibe	SS41, PS1, Thursday, July 5, 16:00-16:30
Turbin, Mikhail	CS4, PS7, Saturday, July 7, 16:10-16:30
Tyagi, Jagmohan	CS2, PS10, Sunday, July 8, 16:40-17:00
Uchida, Shun	SS29, PS7, Saturday, July 7, 16:00-16:30
Uddin, Marjan	SS70, PS5, Saturday, July 7, 08:00-08:30
Uesu, Hiroaki	SS96, PS9, Sunday, July 8, 15:00-15:30
Umezu, Kenichiro	SS17, PS2, Friday, July 6, 09:00-09:30
Upadhyaya, Arpita	SS86, PS12, Monday, July 9, 14:00-14:30
Urbanski, Mariusz	SS126, PS8, Sunday, July 8, 08:00-08:30
Ushijima, Takeo	SS18, PS8, Sunday, July 8, 09:30-10:00
Usman, Muhammad	SS70, PS3, Friday, July 6, 14:00-14:30
Vaira, Giusi	SS71, PS10, Sunday, July 8, 18:00-18:30
Vaira, Giusi	SS80, PS10, Sunday, July 8, 16:30-17:00
Valchev, Tihomir I.	SS36, PS9, Sunday, July 8, 15:00-15:30
van Meurs, Patrick	SS75, PS5, Saturday, July 7, 09:00-09:30
van Schaftingen, Jean	SS62, PS9, Sunday, July 8, 14:00-14:30
Varnhorn, Werner	SS26, PS10, Sunday, July 8, 17:00-17:30
Vasan, Vishal	SS48, PS2, Friday, July 6, 08:00-08:30
Vasilieva, Olga	SS132, PS2, Friday, July 6, 09:30-10:00
Vasilieva, Olga	SS132, PS3, Friday, July 6, 14:00-14:30
Vassena, Nicola	CS3, PS10, Sunday, July 8, 16:00-16:20
Vassena, Nicola	SS139, PS3, Friday, July 6, 13:30-14:00
Verdera, Joan M.	SS38, PS1, Thursday, July 5, 15:30-16:00

Veretennikov, Alexander	SS23, PS5, Saturday, July 7, 08:00-08:30
Veretennikov, Alexander	SS74, PS10, Sunday, July 8, 16:00-16:30
Vermolen, Fred J.	SS41, PS1, Thursday, July 5, 17:30-18:00
Veron, Laurent M.	SS138, PS8, Sunday, July 8, 08:00-08:30
Veron, Laurent M.	SS17, PS7, Saturday, July 7, 16:30-17:00
Vezzoni, Luigi	SS88, PS9, Sunday, July 8, 14:00-14:30
Viglialoro, Giuseppe	SS56, PS3, Friday, July 6, 14:00-14:30
Villavert, John	SS58, PS1, Thursday, July 5, 15:30-16:00
Vo, Hoang Hung	SS18, PS4, Friday, July 6, 17:30-18:00
Volzone, Bruno	SS10, PS8, Sunday, July 8, 08:00-08:30
Vorotnikov, Dmitry	SS127, PS7, Saturday, July 7, 17:30-18:00
Vromans, Arthur	SS89, PS4, Friday, July 6, 16:00-16:30
Vu, Kim Tuan	CS2, PS2, Friday, July 6, 09:00-09:20
Waalkens, Holger	SS27, PS7, Saturday, July 7, 15:30-16:00
Wacheux, Christophe	SS27, PS4, Friday, July 6, 18:00-18:30
Wadade, Hidemitsu	SS29, PS8, Sunday, July 8, 09:00-09:30
Wadade, Hidemitsu	SS62, PS9, Sunday, July 8, 14:30-15:00
Wakasa, Tohru T.	SS47, PS2, Friday, July 6, 09:00-09:30
Wakasugi, Yuta	SS102, PS8, Sunday, July 8, 09:00-09:30
Wan, Zhiguo	SS153, PS10, Sunday, July 8, 16:30-17:00
Wang, Chi-Jen	SS45, PS9, Sunday, July 8, 14:30-15:00
Wang, Chuan-Ju	SS99, PS10, Sunday, July 8, 16:30-17:00
Wang, Deng-Shan	SS55, PS10, Sunday, July 8, 16:30-17:00
Wang, Feng	SS103, PS12, Monday, July 9, 14:00-14:30
Wang, Feng	SS73, PS3, Friday, July 6, 14:00-14:30
Wang, Feng-Bin	SS17, PS4, Friday, July 6, 17:30-18:00
Wang, Guanying	SS99, PS9, Sunday, July 8, 14:30-15:00
Wang, Haitao	SS95, PS8, Sunday, July 8, 09:00-09:30
Wang, Haiyan	SS82, PS3, Friday, July 6, 14:00-14:30
Wang, Hanchao	SS3, PS4, Friday, July 6, 18:00-18:30
Wang, Jenn-Nan	SS5, PS4, Friday, July 6, 16:00-16:30
Wang, Jin	SS86, PS11, Monday, July 9, 08:30-09:00
Wang, Jinhuan	SS10, PS9, Sunday, July 8, 15:00-15:30
Wang, Jintao	SS20, PS7, Saturday, July 7, 16:30-17:00
Wang, Jun	SS106, PS3, Friday, July 6, 14:00-14:30
Wang, Ligang	SS69, PS4, Friday, July 6, 18:00-18:30
Wang, Lijuan	SS57, PS7, Saturday, July 7, 16:00-16:30
Wang, Min	SS104, PS5, Saturday, July 7, 09:00-09:30
Wang, Ming	SS2, PS7, Saturday, July 7, 17:00-17:30
Wang, Ming	SS20, PS7, Saturday, July 7, 16:00-16:30
Wang, Qi	SS12, PS2, Friday, July 6, 08:00-08:30
Wang, Qi	SS134, PS2, Friday, July 6, 09:30-10:00
Wang, Qin	SS57, PS6, Saturday, July 7, 13:30-14:00
Wang, Shin-Hwa	SS101, PS3, Friday, July 6, 13:30-14:00
Wang, Shouhong	SS140, PS11, Monday, July 9, 09:30-10:00
Wang, Shu	SS109, PS2, Friday, July 6, 08:30-09:00
Wang, Tai-Ho	SS74, PS12, Monday, July 9, 13:30-14:00
Wang, Tianyi	SS51, PS9, Sunday, July 8, 15:00-15:30
Wang, Tongke	SS155, PS11, Monday, July 9, 09:30-10:00
Wang, Wei	SS4, PS1, Thursday, July 5, 17:00-17:30
Wang, Weike	SS57, PS5, Saturday, July 7, 08:00-08:30
Wang, Wenjun	SS57, PS7, Saturday, July 7, 16:30-17:00
Wang, Xiang-Sheng	SS91, PS7, Saturday, July 7, 15:30-16:00
Wang, Xiaoliu	SS69, PS2, Friday, July 6, 08:00-08:30
Wang, Xiaoming	SS116, PS10, Sunday, July 8, 17:30-18:00
Wang, Xiaoming	SS12, PS3, Friday, July 6, 13:30-14:00
Wang, Xuefeng	SS11, PS10, Sunday, July 8, 16:30-17:00
Wang, Xueying	SS11, PS9, Sunday, July 8, 15:00-15:30
Wang, Xueying	SS84, PS3, Friday, July 6, 15:00-15:30
Wang, Yane	SS130, PS6, Saturday, July 7, 13:00-13:30
Wang, Yanqiu	SS103, PS11, Monday, July 9, 08:30-09:00
Wang, Yi	SS51, PS10, Sunday, July 8, 16:30-17:00
Wang, Ying	SS150, PS9, Sunday, July 8, 15:00-15:30
Wang, Ying	SS45, PS9, Sunday, July 8, 14:00-14:30
Wang, Ying	SS60, PS3, Friday, July 6, 15:00-15:30
Wang, Yiqian	SS28, PS2, Friday, July 6, 08:00-08:30
Wang, Yufang	SS82, PS1, Thursday, July 5, 15:30-16:00
Wang, Zhan	SS154, PS11, Monday, July 9, 08:00-08:30
Wang, Zhi-Cheng	SS33, PS12, Monday, July 9, 14:30-15:00

Wang, Zhi-Cheng	SS65, PS6, Saturday, July 7, 13:30-14:00
Wang, Zhian	SS56, PS2, Friday, July 6, 08:30-09:00
Wang, Zhian	SS69, PS2, Friday, July 6, 09:30-10:00
Wang, Zhiguo	SS117, PS10, Sunday, July 8, 17:30-18:00
Wang, Zhiguo	SS84, PS1, Thursday, July 5, 16:30-17:00
Watanabe, Hiroshi	SS89, PS2, Friday, July 6, 09:30-10:00
Watanabe, Takayuki	SS126, PS12, Monday, July 9, 15:00-15:30
Watanabe, Tatsuya	SS29, PS8, Sunday, July 8, 09:30-10:00
Weber, Hendrik	SS16, PS8, Sunday, July 8, 08:00-08:30
Weber, Hendrik	SS23, PS2, Friday, July 6, 09:30-10:00
Wei, Hsiu-Chuan	SS91, PS7, Saturday, July 7, 16:00-16:30
Weiss, Patrick	CS5, PS5, Saturday, July 7, 08:00-08:20
Wen, Xiao-Yong	SS55, PS11, Monday, July 9, 09:30-10:00
Wheeler, Valentina-Mira	SS128, PS4, Friday, July 6, 16:00-16:30
Wheeler, Valentina-Mira	SS88, PS6, Saturday, July 7, 14:00-14:30
Wirosoetisno, Djoko	SS125, PS8, Sunday, July 8, 09:00-09:30
Wong, Tak Kwong	SS66, PS7, Saturday, July 7, 16:00-16:30
Wong, Wei-Ying	SS48, PS1, Thursday, July 5, 16:00-16:30
Wresch, Lukas	SS23, PS6, Saturday, July 7, 14:00-14:30
Wright, J. Douglas	SS108, PS13, Monday, July 9, 17:00-17:30
Wroblewska-Kaminska, Aneta	SS10, PS9, Sunday, July 8, 13:30-14:00
Wroblewska-Kaminska, Aneta	SS26, PS7, Saturday, July 7, 16:00-16:30
Wu, Chang-Hong	SS31, PS10, Sunday, July 8, 16:00-16:30
Wu, Chang-Hong	SS84, PS1, Thursday, July 5, 16:00-16:30
Wu, Chaozhong	SS55, PS8, Sunday, July 8, 09:30-10:00
Wu, Fuke	SS146, PS3, Friday, July 6, 14:30-15:00
Wu, Haopin	SS14, PS7, Saturday, July 7, 16:30-17:00
Wu, Kung-Chien	SS111, PS2, Friday, July 6, 08:30-09:00
Wu, Lihua	SS141, PS1, Thursday, July 5, 16:30-17:00
Wu, Lixin	SS3, PS2, Friday, July 6, 08:30-09:00
Wu, Wei	SS130, PS5, Saturday, July 7, 09:00-09:30
Wu, Yaping	SS65, PS6, Saturday, July 7, 14:00-14:30
Wu, Yaping	SS8, PS9, Sunday, July 8, 15:00-15:30
Wu, Yi F.	SS121, PS1, Thursday, July 5, 17:30-18:00
Wu, Yixiang	SS11, PS9, Sunday, July 8, 14:30-15:00
Wu, Zhiwei	SS55, PS9, Sunday, July 8, 15:00-15:30
Xia, Jiankang	SS105, PS10, Sunday, July 8, 17:00-17:30
Xiang, Tian	SS11, PS11, Monday, July 9, 09:30-10:00
Xiang, Tian	SS56, PS2, Friday, July 6, 08:00-08:30
Xiang, Wei	SS51, PS9, Sunday, July 8, 14:00-14:30
Xiang, Yang	SS154, PS9, Sunday, July 8, 13:30-14:00
Xiao, Yanyu	SS11, PS12, Monday, July 9, 14:30-15:00
Xie, Bin	SS16, PS10, Sunday, July 8, 16:30-17:00
Xie, Zhifu	SS25, PS1, Thursday, July 5, 17:30-18:00
Xing, Xiaoshuang	SS153, PS10, Sunday, July 8, 17:00-17:30
Xiong, Jie	SS3, PS2, Friday, July 6, 08:00-08:30
Xiong, Jingang	SS128, PS3, Friday, July 6, 14:30-15:00
Xiong, Jingang	SS60, PS4, Friday, July 6, 16:30-17:00
Xu, Benlong	SS11, PS8, Sunday, July 8, 09:30-10:00
Xu, Chuanju	SS116, PS9, Sunday, July 8, 15:00-15:30
Xu, Lihu	SS123, PS9, Sunday, July 8, 15:00-15:30
Xu, Lihu	SS3, PS4, Friday, July 6, 16:30-17:00
Xu, Runzhang	SS36, PS10, Sunday, July 8, 17:30-18:00
Xu, Runzhang	SS80, PS10, Sunday, July 8, 18:00-18:30
Xu, Shihe	SS130, PS5, Saturday, July 7, 08:00-08:30
Xu, Tao	SS49, PS7, Saturday, July 7, 15:30-16:00
Xu, Xiang	SS5, PS3, Friday, July 6, 15:00-15:30
Xu, Xianmin	SS145, PS5, Saturday, July 7, 08:00-08:30
Xu, Zuoquan	SS3, PS3, Friday, July 6, 14:30-15:00
Xue, Jinxin	SS68, PS1, Thursday, July 5, 15:00-15:30
Yamada, Junji	SS25, PS2, Friday, July 6, 09:00-09:30
Yamada, Tetsuya	SS17, PS1, Thursday, July 5, 15:30-16:00
Yamada, Yoshio	SS117, PS9, Sunday, July 8, 13:30-14:00
Yamamoto, Hiroko	SS151, PS11, Monday, July 9, 08:00-08:30
Yamamoto, Kenichiro	SS126, PS10, Sunday, July 8, 16:00-16:30
Yamamoto, Masahiro	SS102, PS7, Saturday, July 7, 15:30-16:00
Yamamoto, Nao	CS3, PS7, Saturday, July 7, 17:30-17:50
Yamane, Hideshi	SS49, PS5, Saturday, July 7, 09:00-09:30
Yamaoka, Naoto	SS78, PS8, Sunday, July 8, 08:30-09:00

Yamazaki, Kazuo	SS132, PS4, Friday, July 6, 16:30-17:00
Yamazaki, Kazuo	SS37, PS7, Saturday, July 7, 16:30-17:00
Yamazaki, Noriaki	SS89, PS2, Friday, July 6, 09:00-09:30
Yamazaki, Yohei	SS121, PS3, Friday, July 6, 15:00-15:30
Yamazoe, Shotaro	SS121, PS1, Thursday, July 5, 18:00-18:30
Yan, Duokui	SS25, PS3, Friday, July 6, 15:00-15:30
Yan, Kai	SS141, PS4, Friday, July 6, 17:00-17:30
Yan, Ming	SS34, PS10, Sunday, July 8, 16:30-17:00
Yan, Xukai	SS140, PS13, Monday, July 9, 16:30-17:00
Yan, Xukai	SS83, PS11, Monday, July 9, 09:30-10:00
Yanagida, Eiji	SS17, PS6, Saturday, July 7, 13:30-14:00
Yanagida, Eiji	SS47, PS1, Thursday, July 5, 15:00-15:30
Yang, Chiru	SS28, PS1, Thursday, July 5, 16:30-17:00
Yang, James	SS61, PS1, Thursday, July 5, 17:30-18:00
Yang, Lu	SS106, PS3, Friday, July 6, 15:00-15:30
Yang, Lu	SS20, PS4, Friday, July 6, 16:30-17:00
Yang, Meihua	SS20, PS4, Friday, July 6, 17:00-17:30
Yang, Minsuk	SS7, PS10, Sunday, July 8, 17:30-18:00
Yang, Tian-Shiang	SS108, PS11, Monday, July 9, 09:00-09:30
Yang, Tzi-Sheng	SS28, PS1, Thursday, July 5, 15:30-16:00
Yang, Xiaofeng	SS12, PS3, Friday, July 6, 14:00-14:30
Yang, Xiaomei	SS106, PS3, Friday, July 6, 14:30-15:00
Yang, Xin	SS24, PS3, Friday, July 6, 14:30-15:00
Yang, Xiongfeng	SS57, PS7, Saturday, July 7, 17:00-17:30
Yang, Yang	SS105, PS12, Monday, July 9, 14:30-15:00
Yang, Yang	SS60, PS4, Friday, July 6, 17:30-18:00
Yang, YunRui	SS33, PS11, Monday, July 9, 08:00-08:30
Yang, Zhijian	SS20, PS4, Friday, July 6, 18:00-18:30
Yang, Zhijian	SS69, PS4, Friday, July 6, 16:00-16:30
Yao, Changhui	SS59, PS11, Monday, July 9, 09:00-09:30
Yao, Ruoxia	SS55, PS11, Monday, July 9, 08:30-09:00
Yao, Yao	SS10, PS9, Sunday, July 8, 14:00-14:30
Yao, Yao	SS56, PS1, Thursday, July 5, 17:30-18:00
Yarnvitayalert, Panittavee	CS3, PS10, Sunday, July 8, 16:20-16:40
Yashima, Hisao Fujita	SS63, PS1, Thursday, July 5, 16:00-16:30
Yasuda, Shugo	SS18, PS2, Friday, July 6, 09:30-10:00
Ye, Xiaojing	SS34, PS8, Sunday, July 8, 08:30-09:00
Yi, Fengqi	SS18, PS1, Thursday, July 5, 17:30-18:00
Yi, Lijun	SS155, PS10, Sunday, July 8, 16:00-16:30
Yin, Ping	CS5, PS5, Saturday, July 7, 08:20-08:40
Yin, Rong	SS73, PS3, Friday, July 6, 15:00-15:30
Yip, Aaron	SS1, PS12, Monday, July 9, 14:00-14:30
Yokota, Tomomi	SS47, PS1, Thursday, July 5, 18:00-18:30
Yokota, Tomomi	SS56, PS3, Friday, July 6, 15:00-15:30
Yokoyama, Satoshi	SS16, PS7, Saturday, July 7, 16:00-16:30
Yoneda, Tsuyoshi	SS66, PS7, Saturday, July 7, 16:30-17:00
Yong, Jiongmin	SS146, PS1, Thursday, July 5, 16:00-16:30
Yong, Jiongmin	SS2, PS5, Saturday, July 7, 08:00-08:30
Yoo, Jisang	SS13, PS7, Saturday, July 7, 17:00-17:30
Yoo, Minha	SS136, PS12, Monday, July 9, 14:30-15:00
Yoshida, Ruriko	SS45, PS7, Saturday, July 7, 15:30-16:00
Yoshimura, Hiroaki	SS147, PS3, Friday, July 6, 13:30-14:00
Yoshimura, Hiroaki	SS25, PS1, Thursday, July 5, 16:00-16:30
Yu, Guofu	SS55, PS8, Sunday, July 8, 09:00-09:30
Yu, Guowei	SS25, PS1, Thursday, July 5, 15:30-16:00
Yu, Lei	SS57, PS6, Saturday, July 7, 14:30-15:00
Yu, Mei	SS105, PS13, Monday, July 9, 16:00-16:30
Yu, Shih-Hsien	SS95, PS8, Sunday, July 8, 09:30-10:00
Yu, Xiang	SS146, PS2, Friday, July 6, 09:00-09:30
Yu, Yong	SS66, PS8, Sunday, July 8, 08:30-09:00
Yu, Zhiyong	SS3, PS4, Friday, July 6, 17:00-17:30
Yuan, Juan-Ming	SS37, PS6, Saturday, July 7, 13:00-13:30
Yuan, Xianzhi	SS3, PS3, Friday, July 6, 13:30-14:00
Yuen, Manwai	CS2, PS10, Sunday, July 8, 17:00-17:20
Yuen, Manwai	SS141, PS3, Friday, July 6, 14:30-15:00
Yun, Seok-Bae	SS136, PS12, Monday, July 9, 14:00-14:30
Yung, Po Lam	SS38, PS1, Thursday, July 5, 15:00-15:30
Yuze, Zhang	SS12, PS5, Saturday, July 7, 09:00-09:30
Zanolin, Fabio	SS138, PS8, Sunday, July 8, 09:30-10:00

Zanolin, Fabio	SS17, PS6, Saturday, July 7, 14:00-14:30
Zaslavski, Alexander	SS32, PS9, Sunday, July 8, 15:00-15:30
Zaslavski, Alexander	SS35, PS3, Friday, July 6, 14:30-15:00
Zatorska, Ewelina	SS100, PS8, Sunday, July 8, 09:00-09:30
Zatorska, Ewelina	SS7, PS13, Monday, July 9, 16:00-16:30
Zehra, Iffat	SS72, PS10, Sunday, July 8, 17:00-17:30
Zeitlin, Vladimir	SS63, PS1, Thursday, July 5, 15:00-15:30
Zelati, Michele Coti	SS83, PS12, Monday, July 9, 13:30-14:00
Zelik, Sergey	SS9, PS4, Friday, July 6, 18:30-19:00
Zeng, Biao	SS35, PS1, Thursday, July 5, 17:00-17:30
Zeng, Shengda	SS35, PS1, Thursday, July 5, 17:30-18:00
Zeppieri, Caterina	SS1, PS11, Monday, July 9, 09:30-10:00
Zhai, Linlin	SS69, PS4, Friday, July 6, 17:30-18:00
Zhang, Binlin	SS69, PS5, Saturday, July 7, 09:00-09:30
Zhang, Deng	SS23, PS4, Friday, July 6, 17:30-18:00
Zhang, Dongfeng	SS73, PS4, Friday, July 6, 16:00-16:30
Zhang, Duanzhi	SS4, PS1, Thursday, July 5, 16:00-16:30
Zhang, Fubao	SS106, PS2, Friday, July 6, 08:30-09:00
Zhang, Guanghui	SS117, PS11, Monday, July 9, 09:00-09:30
Zhang, Hai	SS5, PS3, Friday, July 6, 14:00-14:30
Zhang, Hong	SS122, PS7, Saturday, July 7, 17:30-18:00
Zhang, Honghui	SS142, PS11, Monday, July 9, 08:30-09:00
Zhang, Jiajun	SS30, PS9, Sunday, July 8, 15:00-15:30
Zhang, Jing	SS50, PS10, Sunday, July 8, 16:00-16:30
Zhang, Jingjing	SS147, PS3, Friday, July 6, 15:00-15:30
Zhang, Kai	SS22, PS6, Saturday, July 7, 13:00-13:30
Zhang, Lei	SS12, PS5, Saturday, July 7, 08:30-09:00
Zhang, Lei	SS30, PS9, Sunday, July 8, 14:30-15:00
Zhang, Li	SS33, PS11, Monday, July 9, 09:30-10:00
Zhang, Liang	SS33, PS12, Monday, July 9, 14:00-14:30
Zhang, Meina	SS69, PS5, Saturday, July 7, 08:30-09:00
Zhang, Mingji	SS114, PS10, Sunday, July 8, 16:30-17:00
Zhang, Mingji	SS31, PS8, Sunday, July 8, 08:30-09:00
Zhang, Qifeng	SS155, PS12, Monday, July 9, 15:00-15:30
Zhang, Qing	SS146, PS2, Friday, July 6, 08:00-08:30
Zhang, Qing	SS99, PS8, Sunday, July 8, 08:30-09:00
Zhang, Ruifeng	SS13, PS6, Saturday, July 7, 14:30-15:00
Zhang, Shuhua	SS155, PS11, Monday, July 9, 09:00-09:30
Zhang, Shuo	SS103, PS12, Monday, July 9, 13:30-14:00
Zhang, Xuxi	SS69, PS5, Saturday, July 7, 08:00-08:30
Zhang, Yi	SS49, PS7, Saturday, July 7, 16:30-17:00
Zhang, Yong	SS109, PS1, Thursday, July 5, 17:30-18:00
Zhang, Yong	SS77, PS6, Saturday, July 7, 13:30-14:00
Zhang, Yuxin	SS50, PS8, Sunday, July 8, 09:00-09:30
Zhang, Zhitao	SS106, PS2, Friday, July 6, 08:00-08:30
Zhao, Dun	SS55, PS11, Monday, July 9, 09:00-09:30
Zhao, Fukun	SS105, PS11, Monday, July 9, 08:30-09:00
Zhao, Jia	SS134, PS5, Saturday, July 7, 08:00-08:30
Zhao, Lifeng	SS52, PS11, Monday, July 9, 09:30-10:00
Zhao, Wenbin	SS51, PS9, Sunday, July 8, 14:30-15:00
Zhao, Xiaohua	CS6, PS6, Saturday, July 7, 14:00-14:20
Zhao, Xingqiu	SS61, PS4, Friday, July 6, 17:00-17:30
Zhao, Yong	SS142, PS12, Monday, July 9, 14:30-15:00
Zheng, Bo	SS14, PS9, Sunday, July 8, 13:30-14:00
Zheng, Harry	SS146, PS1, Thursday, July 5, 17:00-17:30
Zheng, Jiqiang	SS52, PS11, Monday, July 9, 08:30-09:00
Zheng, Pan	SS56, PS4, Friday, July 6, 17:30-18:00
Zheng, Yayun	SS16, PS1, Thursday, July 5, 18:00-18:30
Zhong, Liuqiang	SS103, PS11, Monday, July 9, 09:00-09:30
Zhou, Chao	SS146, PS1, Thursday, July 5, 17:30-18:00
Zhou, Chunqin	SS105, PS11, Monday, July 9, 09:00-09:30
Zhou, Deqin	SS24, PS1, Thursday, July 5, 18:00-18:30
Zhou, Dun	SS31, PS9, Sunday, July 8, 14:00-14:30
Zhou, Feng	SS105, PS11, Monday, July 9, 08:00-08:30
Zhou, Feng	SS122, PS7, Saturday, July 7, 18:00-18:30
Zhou, Jianwei	SS59, PS12, Monday, July 9, 14:00-14:30
Zhou, Maolin	SS11, PS10, Sunday, July 8, 17:30-18:00
Zhou, Maolin	SS65, PS6, Saturday, July 7, 14:30-15:00
Zhou, Weisong	CS1, PS10, Sunday, July 8, 16:00-16:20

Zhou, Zhan	SS14, PS8, Sunday, July 8, 09:30-10:00
Zhou, Zhe	SS126, PS9, Sunday, July 8, 14:00-14:30
Zhou, Zhe	SS73, PS4, Friday, July 6, 16:30-17:00
Zhou, Zhennan	SS109, PS1, Thursday, July 5, 18:00-18:30
Zhou, Zhennan	SS154, PS10, Sunday, July 8, 17:00-17:30
Zhu, Chao	SS146, PS4, Friday, July 6, 17:00-17:30
Zhu, Chao	SS81, PS1, Thursday, July 5, 15:30-16:00
Zhu, Hailong	SS73, PS4, Friday, July 6, 17:00-17:30
Zhu, Hongqiang	SS104, PS7, Saturday, July 7, 16:00-16:30
Zhu, Luoding	SS94, PS5, Saturday, July 7, 09:30-10:00
Zhu, Maochun	SS106, PS2, Friday, July 6, 09:30-10:00
Zhu, Qingfeng	SS3, PS4, Friday, July 6, 18:30-19:00
Zhu, Rongchan	SS16, PS8, Sunday, July 8, 09:00-09:30
Zhu, Rongchan	SS23, PS3, Friday, July 6, 14:00-14:30
Zhu, Xiangchan	SS16, PS8, Sunday, July 8, 09:30-10:00
Zhu, Xiangchan	SS23, PS4, Friday, July 6, 17:00-17:30
Zhu, Yi	SS154, PS10, Sunday, July 8, 16:30-17:00
Zhu, Zuonong	SS141, PS2, Friday, July 6, 08:00-08:30
Zhu, Zuonong	SS49, PS7, Saturday, July 7, 17:00-17:30
Zong, Xiaofeng	SS146, PS3, Friday, July 6, 15:00-15:30
Zurek, Antoine	SS89, PS5, Saturday, July 7, 09:30-10:00
Zviagin, Andrei	CS2, PS10, Sunday, July 8, 17:20-17:40
Zvyagin, Victor	CS2, PS10, Sunday, July 8, 17:40-18:00

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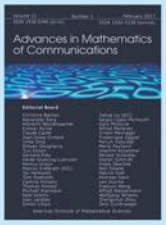

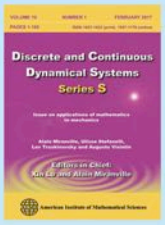

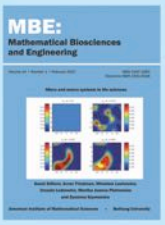

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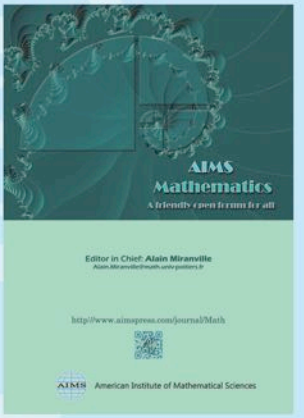

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All topics are considered and all submissions will be peer reviewed.

Peer reviewers will not evaluate a manuscript according to its subject, perceived importance, novelty or ability to attract citations. All articles deemed scientifically and methodologically sound by peer review will be published.

Other benefits for potential authors are:

a) Having a designated staff member to work with the board to ensure efficiency and quick and friendly communications with authors, referees and editors;

b) The refereeing process is targeted to be one month on average, and any accepted article is published within one week;

c) Publishing in the journal fulfils open access mandates while retaining your copyrights;

d) Each article is published in PDF and HTML formats for high visibility;

e) Low APC, and free APC for the first year.

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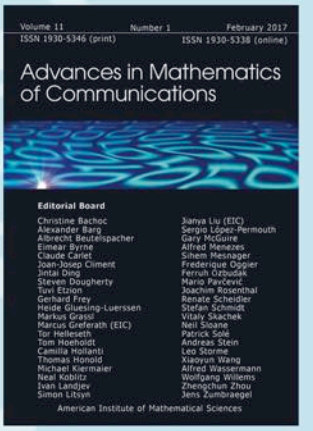
AMC

Advances in Mathematics of Communications

www.aimsciences.org

ISSN 1930-5346 (print)
ISSN 1930-5338 (online)

2016 IF: 0.8



AMC publishes original research papers of the highest quality in all areas of mathematics and computer science which are relevant to applications communications technology. For this reason, submissions from many areas of mathematics are invited including coding theory, cryptology, combinatorics, finite geometry, algebra and number theory. This journal also aims to cover the algorithmic and computa tional aspects of these disciplines. Hence, all mathematics and computer science contributions of appropriate depth and relevance to the above mentioned applications in communications technology are welcome. Manuscripts should be directly submitted to Professor Marcus Greferath (marcus.greferath@ucd.ie). Subscription information can be found at http://aimSciences.org.

Some quick facts and statistics:

- AMC is SCI-E, covered in Science Citation Index-Expanded (SCI-E), Current Contents/Physical, Chemical & Earth Sciences (CC/PC&ES) ISI Alerting Services, Journal Citation Reports/Science Edition, Math Reviews, MathSciNet, Zentralblatt.

- AMC offers high-quality and rapid quarterly publication in February, May, August and November.

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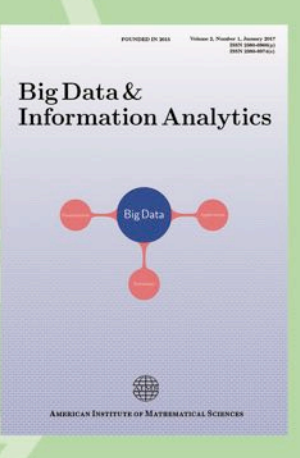
BDIA

Big Data & Information Analytics

www.aimsciences.org

ISSN 2380-6966 (print)
ISSN 2380-6974 (online)



Big Data and Information Analytics (BigDIA) is an interdisciplinary quarterly journal promoting cutting-edge research, technology transfer and knowledge translation about complex data and information processing.

The journal papers will be organized quarterly and published online first. At the end of each year, there will be a hardcopy volume, consisting of the four issues. Institutes subscribing to the journal have access to the electronic access and can purchase a hard copy. Hard copies can also be sold individually.

BigDIA publishes

- Research articles (long and original research);
- Communications (short and novel research);
- Expository papers;
- Technology Transfer and Knowledge Translation reports (description of new technologies and products);
- Announcements and Industrial Progress and News (announcements and even advertisement, including major conferences);

BDIA offers quarterly publication in January, April, July and October.

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CPAA

Communications on Pure and Applied Analysis

www.aimsciences.org

ISSN 1534-0392 (print)
ISSN 1553-5258 (online)

2016 IF: 0.801

Publishes original research papers of the highest quality in all the major areas of analysis and its applications, with a central theme on theoretical and numeric differential equations. A more detailed indication of its scope is given by the subject interests of the members of the Board of Editors. Invited expository articles are also published from time to time. It is edited by a group of energetic leaders to guarantee the journal's highest standard and closest link to the scientific communities.

Some quick facts and statistics:

- Indexed in Research Alert, CompuMath Citation Index (CMCI), Current Contents/Physical, Chemical & Earth Sciences (CC/PC&ES), Science Citation Index(SCI).
- CPAA is a bimonthly publication, published in January, March, May, July, September and November, in the broad field of analysis and applied analysis.
- Emphasis on quality and rapid publication.
- Your proposals are welcome for a special issue of the journal, based on either a theme/topics or event.
- CPAA is issued jointly by the American Institute of Mathematical Sciences and Shanghai Jiao Tong University.

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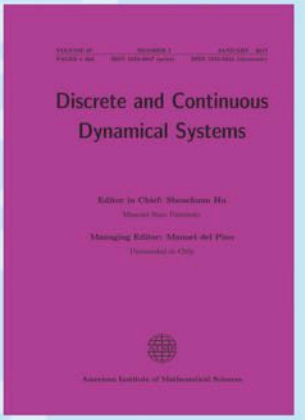
DCDS-A

Discrete and Continuous Dynamical Systems - Series A

www.aimsciences.org

ISSN 1078-0947 (print)
ISSN 1553-5231 (online)

2016 IF: 1.099



Publishes peer-reviewed high quality original papers and invited expository papers on the theory and methods of analysis, differential equations and dynamical systems. This journal is committed to being the record for important new results in its field, and will maintain the highest standards of innovation and quality.

Some quick facts and statistics:

- Indexed in Current Contents/Physical, CompuMath, Chemical & Earth Sciences (CC/PC&ES) and the Science Citation Index (SCI).
- Personal and rapid processing of all submissions.
- Accelerated online publication.
- Easy to use web-based submission and article-tracking facilities.
- A monthly journal in the broad fields of analysis, differential equations, and dynamical systems.
- The journal is of the highest standard.

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DCDS-B

Discrete and Continuous Dynamical Systems - Series B

www.aimsciences.org

ISSN 1531-3492 (print)
ISSN 1553-524X (online)

2016 IF: 0.994

Centered around dynamics, DCDS-B is a journal of multidisciplinarity, focusing on the interdisciplinary interactions between mathematical modeling, analysis and scientific computations. The mission of the Journal is to bridge mathematics and sciences by publishing research papers that augment the fundamental ways we interpret, model, and predict phenomena. The Journal covers a broad range of areas including chemical, engineering, physical, and life sciences. A more detailed indication is given by the subject interests of the members of the Editorial Board.

- Indexed in Current Contents/Physical, CompuMath, Chemical & Earth Sciences (CC/PC&ES) and the Science Citation Index (SCI).
- Easy to use web-based submission and article-tracking facilities.
- Accelerated online publication.
- Focused on applied aspects of dynamics in physics, chemistry, biology, engineering, and life sciences through modeling, analysis and computations.
- Publishes 10 issues in 2016, in January, March, May, June, July, August, September, October, November, and December.
- The journal is of the highest standard.

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DCDS-S

Discrete and Continuous Dynamical Systems - Series S

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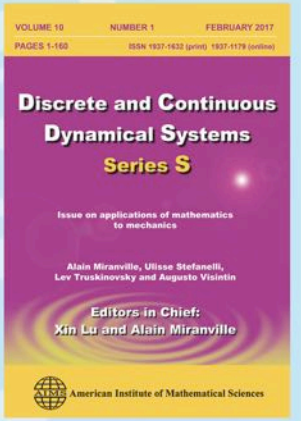
www.aimsciences.org

ISSN 1937-1632(print)
ISSN 1937-1179(online)

2016 IF: 0.781



DCDS-S (S refers to "special topics") is inaugurated to satisfying the high demand of having a journal exclusively devoted to special topics and special events. The journal is devoted to a specific (pure or applied) area of the mathematical, physical and engineering sciences. This area will define a research frontier that is advancing rapidly, often bridging mathematics and sciences. The journal is essential reading for mathematicians, physicists, engineers and other physical scientists.

DCDS-S publishes only Theme Issues: issues with a coherent topic that is proposed by guest editors. Occasionally, proposals of an important current topic, which is also the main theme of a high quality workshop/meeting, can also be considered. However, the same rigorous editorial process is applied.

Benefits of editing an issue of the journal include: opportunity to showcase the latest research in your field; reach an international audience; reputation from publishing in an AIMS journal; high production values; scholarly friendly publishing.

Proposals of theme issues are welcome.

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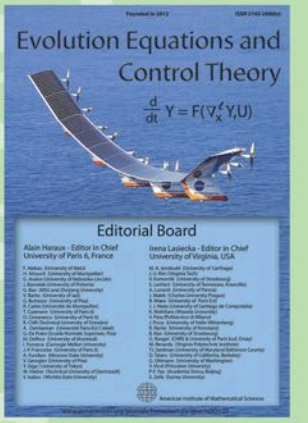
EECT

Evolution Equations and Control Theory

www.aimsciences.org

ISSN 2163-2480 (online)

2016 IF: 0.826



EECT is primarily devoted to papers on analysis and control of infinite dimensional systems with emphasis on applications to PDE's and FDEs.

Topics include:

- Modeling of physical systems as infinite-dimensional processes
- Direct problems such as existence, regularity and well-posedness
- Stability, long-time behavior and associated dynamical attractors
- Indirect problems such as exact controllability, reachability theory and inverse problems
- Optimization - including shape optimization - optimal control, game theory and calculus of variations
- Well-posedness, stability and control of coupled systems with an interface. Free boundary problems and problems with moving interface(s)
- Applications of the theory to physics, chemistry, engineering, economics, medicine and biology

The journal also welcomes excellent contributions on interesting and challenging ODE systems which arise as simplified models of infinite-dimensional structures.

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ERA-MS

Electronic Research Announcements in Mathematical Sciences

www.aimsciences.org

ISSN 1935-9179

2016 IF: 0.483

Free to readers and authors, ERA-MS rapidly publishes announcements of significant advances in all branches of mathematics and short complete papers of original research (up to about 15 journal pages). Research announcements are an opportunity for lucid exposition of ideas and context unburdened by technical detail.

- ERA-MS is a continuation of Electronic Research Announcements of the AMS published by the American Mathematical Society from 1995 to the middle of 2007.
- All articles are designed to communicate their contents to a broad mathematical audience and must meet high standards for mathematical content and clarity.
- After review and acceptance by the entire Editorial Board, articles enter production for immediate publication.
- ERA-MS is published by the American Institute of Mathematical Sciences.

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IPI

Inverse Problems and Imaging

www.aimsciences.org

ISSN 1930-8337 (print)
ISSN 1930-8345 (online)

2016 IF: 1.094

Inverse problems and imaging are two rapidly expanding and closely related fields of applied mathematics. Typically the problems arise from medical imaging, nondestructive testing, geophysical prospection or remote sensing as well as from image analysis or image processing.

IPI is covered in Science Citation Index (SCI), Current Contents/Physical, Chemical & Earth Sciences (CC/PC&ES) ISI Alerting Services, Journal Citation Reports/Science, Math Reviews, MathSciNet, Zentralblatt.

The journal is focused on developing the mathematical theory of inverse problems and solving inverse problems in tens of applications, ranging in size from molecular to galactic level.

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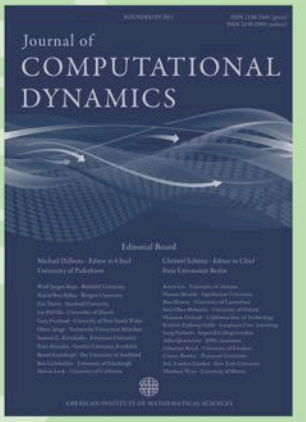
JCD

Journal of Computational Dynamics

www.aimsciences.org

ISSN 2158-2491 (print)
ISSN 2158-2505 (online)



JCD is focused on the intersection of computation with deterministic and stochastic dynamics. The mission of the journal is to publish papers that explore new computational methods for analyzing dynamic problems or use novel dynamical methods to improve computation. The subject matter of JCD includes both fundamental mathematical contributions and applications to problems from science and engineering.

A non-exhaustive list of topics includes:

- Computation of phase-space structures and bifurcations;
- Multi-time-scale methods;
- Structure-preserving integration;
- Nonlinear and stochastic model reduction;
- Optimization of dynamics;
- Set-valued numerical techniques;
- Network and distributed dynamics;
- Numerics for hybrid systems.

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JDG

Journal of Dynamics and Games

www.aimsciences.org

ISSN 2164-6066 (print)
ISSN 2164-6074 (online)

The Journal of Dynamics and Games (JDG) is an applied mathematics journal that publishes high quality peer-review and expository papers at the interface of Dynamical Systems (discrete, continuous, deterministic, or stochastic) and Game Theory.

It is devoted to the development and the diffusion of mathematical ideas and techniques that arise from the analysis and the modelling of systems where agents (whether they be rational players, markets, plants, animals, ecosystems, communication systems, etc) interact dynamically over time.

Papers should either be motivated by challenging mathematical questions occurring in such systems or provide a rigorous mathematical analysis of models where tools from dynamics and games prove to be useful.

Areas covered include dynamic games, stochastic games, differential games, evolutionary games, models of learning and evolution, repeated games, mean field models, areas of cooperative game theory where dynamics play a role, as well as the associated applications in social, economic, life, physical and computer sciences.

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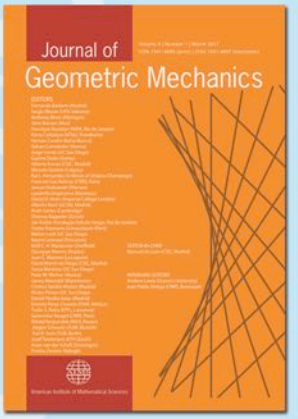
JGM

Journal of Geometric Mechanics

www.aimsciences.org

ISSN 1941-4889 (print)
ISSN 1941-4897 (online)

2016 IF: 0.857



The Journal of Geometric Mechanics (JGM) focuses on new applications of geometric methods (in a broad sense) to mechanics and control theory, and intends to facilitate interaction between theory and applications. Advances in the following topics will be welcomed by the journal:

- Lagrangian and Hamiltonian mechanics
- Symplectic and Poisson geometry and their applications to mechanics
- Geometric and optimal control theory
- Geometric and variational integration
- Geometry of stochastic systems
- Geometric methods in dynamical systems
- Continuum mechanics
- Classical field theory
- Fluid mechanics
- Infinite-dimensional dynamical systems
- Quantum mechanics and quantum information theory; applications in physics, technology, engineering, and the biological sciences

Some quick facts and statistics:

- Intends to facilitate interaction between theory and applications.
- A quaterly rapid and high quality publication
- JGM is a journal of the American Institute of Mathematical Sciences supported by the Consejo Superior de Investigaciones Científicas (Spain)

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JIMO

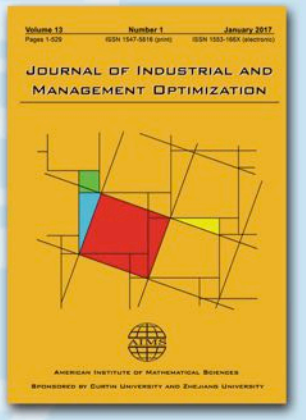
Journal of Industrial and Management Optimization

http://www.aimsciences.org/journals/home.jsp?journalID=5

www.aimsciences.org

ISSN 1547-5816 (print)
ISSN 1553-166X (online)

2016 IF: 0.994



Free online and no page charge!

Journal of Industrial and Management Optimization (JIMO) is an international journal devoted to publishing peer-refereed, high quality, original papers on the non-trivial interplay between numerical optimization methods and practically significant problems in industry or management so as to achieve superior design, planning and/or operation. Its objective is to promote collaboration between optimization specialists, industrial practitioners and management scientists so that important practical industrial and management problems can be addressed by the use of appropriate, recent advanced optimization techniques. It is particularly hoped that the study of these practical problems will lead to the discovery of new ideas and the development of novel methodologies in optimization.

Some quick facts and statistics:

- JIMO has an Impace Factor of 0.994.
- JIMO is covered in Science Citation Index-Expanded (SCI-E), CompuMath Citation Index, Current Contents/Engineering, Computing, and Technology ISI Alerting Services and SCOPUS.
- JIMO is published by AIMS and sponsored by Curtin University and Zhejiang University.

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JMD

Journal of Modern Dynamics

www.aimsciences.org

ISSN 1930-5311 (print)
ISSN 1930-532X (online)

2016 IF: 0.706

JMD is dedicated to publishing research articles in active and promising areas in the theory of dynamical systems with particular emphasis on the mutual interaction between dynamics and other major areas of mathematical research.

The Editorial Board, headed by Professor Anatole Katok, is a group of world-wide leading mathematicians. JMD publishes only peer-reviewed high quality original papers.

Areas of interest include Number Theory; Symplectic Geometry; Differential Geometry; Rigidity; Quantum Chaos; Teichmüller Theory; Geometric Group Theory; Harmonic Analysis on Manifolds.

The dynamic editorial procedure guarantees the highest quality of the Journal and its rapid publication. JMD publishes quarterly in January, April, July and October.

The journal is published by the American Institute of Mathematical Sciences with support from the Center for Dynamics and Geometry at the Pennsylvania State University.

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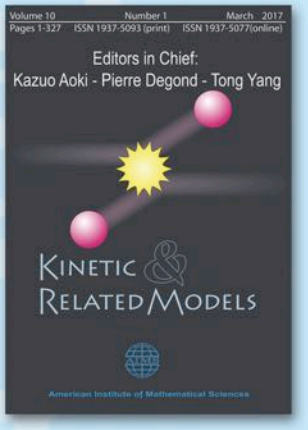
KRM

Kinetic and Related Models

www.aimsciences.org

ISSN 1937-5093 (print)
ISSN 1937-5077 (online)

2016 IF: 1.261



KRM covers the area of kinetic equations spanned from mathematical theory to numerical analysis including simulations and modelling. It includes the studies on models arising from the areas of physics, engineering, finance, biology or human and social sciences, together with their related fields such as fluid models, quantum systems and interacting particle systems.

KRM is covered in Science Citation Index (SCI) including the Web of Science ISI Alerting Service, Current Contents/Physical, Chemical & Earth Sciences (CC/PC&ES).

Every effort will be made to secure a decision in two months and to publish accepted papers within six months.

KRM published original research papers of the highest quality. Invited expository articles are also published from time to time. KRM offers rapid quarterly publication in March, June, September and December.

To contribute articles, please send postscript or PDF files to an editor in the corresponding research area. Contributions to this journal are published free of charge.

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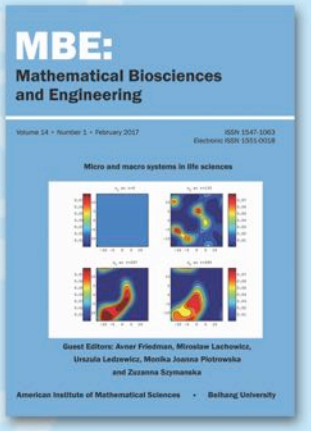
MBE

Mathematical Biosciences and Engineering

www.aimsciences.org

ISSN 1547-1063 (print)
ISSN 1551-0018 (online)

2016 5-year
Impact Factor: 1.167



Focuses on new developments in the fast-growing fields of mathematical biosciences and engineering. The editorial board of MBE is strongly committed to promoting cutting-edge integrative and interdisciplinary research bridging mathematics, life sciences and engineering.

MBE is indexed by Medline, Research Alert, Compu-Math Citation Index (CMCI), Current Contents/Physical, Chemical & Earth Sciences (CC/PC&ES). Science Citation Index-Expanded (SCI-E), MathSciNet.

Areas covered include general mathematical methods and their applications in biology, medical sciences and engineering with an emphasis on work related to mathematical modeling, nonlinear and stochastic dynamics.

A quality and rapid publication, MBE is a joint journal of the American Institute of Mathematical Sciences and Beihang University.

MBE is published bimonthly. Authors will be granted full access to all MBE publications for one year. Open access costs only $800/paper.

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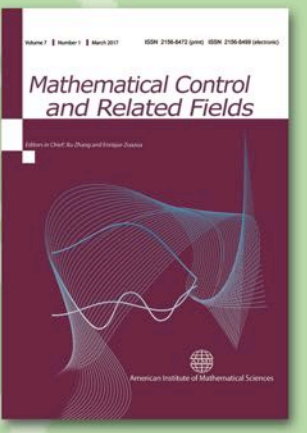
MCRF

Mathematical Control and Related Fields

www.aimsciences.org

ISSN 2156-8472 (print)
ISSN 2156-8499 (online)

2016 IF: 0.542



MCRF aims to publish original research as well as expository papers on mathematical control theory and related fields. The goal is to provide a complete and reliable source of mathematical methods and results in this field. The journal will also accept papers from some related fields such as differential equations, functional analysis, probability theory and stochastic analysis, inverse problems, optimization, numerical computation, mathematical finance, information theory, game theory, system theory, etc., provided that they have some intrinsic connections with control theory.

MCRF is a quarterly publication in March, June, September and December. The journal will be online only. It is edited by a group of international leading experts in mathematical control theory and related fields. A key feature of MCRF is the journal's rapid publication, with a special emphasis on the highest scientific standard. The journal is essential reading for scientists and researchers who wish to keep abreast of the latest developments in the field. MCRF is covered in Science Citation Index-Expanded (SCIE) including the Web of Science ISI Alerting Service and Current Contents/Physical, Chemical & Earth Sciences (CC/PC&ES), and Scopus. MCRF is a publication of the American Institute of Mathematical Sciences.

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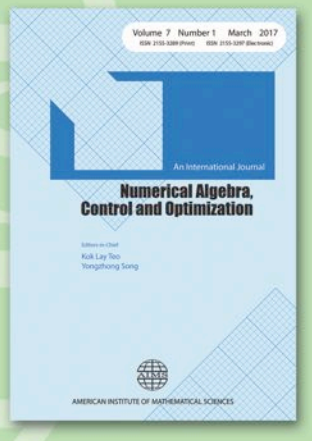
NACO

Numerical Algebra, Control and Optimization

www.aimsciences.org

ISSN 2155-3289 (print)
ISSN 2155-3297 (online)



Numerical Algebra, Control and Optimization is devoted to publishing peer-refereed high quality original papers on any non-trivial interplay between numerical linear algebra, control and optimization.

Topics of interest include:

- Fundamental theory and methods in linear algebra, control and optimization;
- Efficient implementation, development and analysis of algorithms in numerical algebra, optimization and control;
- Modelling of significant practical problems in areas such as industry, engineering and economics, and their solution methods based on advanced theory and techniques in linear algebra, control and optimization.

NACO is covered in SCOPUS.

NACO is published by AIMS and sponsored by Nanjing Normal University and Curtin University.

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NHM

Networks and Heterogeneous Media

www.aimsciences.org

ISSN 1556-1801 (print)
ISSN 1556-181X (online)

2016 IF: 1.2

Networks and Heterogeneous Media attracts original contributions of highest quality across a wide range of domains as statistical physics, applied mathematics, engineering, socio-economical and bio-medical sciences, emphasizing the common underlying mathematics.

NHM offers a strong combination of the three features: Interdisciplinary Character; Specific Focus; and Deep Mathematical Content. Also, the journal aims at creating a link between the discrete and the continuous communities, which distinguishes it from other journals with strong PDE orientation.

The editorial board has a high dynamic profile and represent a wide variety of different fields. All members demonstrated excellent quality of their scientific work, which is characterized by combination of deep mathematics and high impact in applications.

NHM is SCI-E, covered in Science Citation Index Expanded, CompuMath Citation Index, Current Contents/Engineering, Computing, and Technology ISI Alerting Services.

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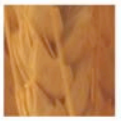
AIMS Open Access Journals

www.aimspress.com

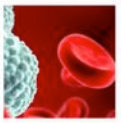


AIMS Agriculture and Food

AIMS Agriculture and Food is an international Open Access journal devoted to publishing high-quality,peer-reviewed original papers representing complete studies in the multidisciplinary field of Agriculture and Food.

AIMS Energy

AIMS Energy is an international Open Access journal devoted to publishing peer-reviewed, high quality, original papers in the field of Energy technology and science.



AIMS Allergy and Immunology

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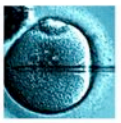

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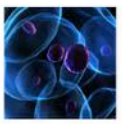

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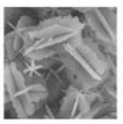

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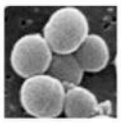

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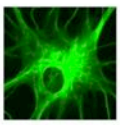

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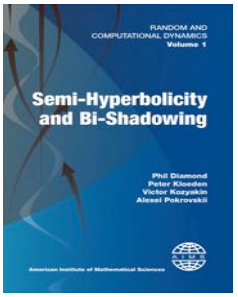

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