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- Dresden University of Technology
- The American Institute of Mathematical Sciences

» **Organizing Committee**

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» **Contact**

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Technische Universität Dresden
Fachrichtung Mathematik
Institut für Analysis
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Germany

The conference is supported and sponsored by



GESELLSCHAFT VON FREUNDEN UND
FÖRDERERN DER TU DRESDEN e.V.

Tuesday, May 25 – Friday, May 28, 2010
Dresden, Germany



- Dresden University of Technology
Department of Mathematics
- American Institute of Mathematical Sciences



The “*Conference series on dynamical systems, differential equations and applications*” is a world-wide forum for mathematicians and scientists who work in the expanding areas of analysis and applied analysis, in particular in dynamical systems, differential equations and its applications. The conferences takes place every second year since 1996.

This international conference with approximately 700 participants from 70 countries will take place for the first time in Germany in May 2010 at the Dresden University of Technology, Department of Mathematics.

We cordially invite you to participate in the “8th AIMS Conference on Dynamical Systems, Differential Equations and Applications.”

Shouchuan Hu

Stefan Siegmund

» Invited Plenary Speakers

Luis Caffarelli	(UT Austin, USA)
Emmanuel Candes	(Caltech, USA)
Kuo-Chang Chen	(Tsinghua Univ., Taiwan)
Barbara Gentz	(Univ. of Bielefeld, Germany)
Louis Nirenberg	(Courant Institute, USA)
Masaharu Taniguchi	(Tokyo Inst Tech, Japan)
Gunther Uhlmann	(Univ. of Washington, USA)
Lai-Sang Young	(Courant Institute, USA)

» Focus of the Conference Series

- (1) broad variety of topics
- (2) invited sessions related to selected topics
- (3) conference venue changes between USA and Europe to allow the attendance of scientists of many countries
- (4) the conferences are under the auspices of the “American Institute of Mathematical Sciences” (AIMS) which ensures continuity of the conference series

» Topics

- Analysis
- Applied Analysis
- Differential equations and dynamical systems, in the broadest sense
- Applications to real world problems, e.g. in chemistry, physics, engineering, life sciences
- Mathematical modeling and simulation

» Program

- Plenary Talks
- Invited Sessions (30 min.+ discussion)
- Contributed Talks (20 min.+ discussion)
- Poster Presentation

If you are interested in organizing a special session for the conference, please contact: Dr. Shouchuan Hu (shu@missouristate.edu).

» Proceedings

The proceedings will be published in the AIMS Proceedings series.

All will be carefully refereed.

» Conference Location

Campus of Dresden University of Technology
Auditorium Center
Bergstraße 64, 01069 Dresden
Building Willersbau
Zellescher Weg 12-14, 01069 Dresden

» Conference Fee

before February 28,2010

Regular: EUR 190,00

Student : EUR 90,00

after February 28, 2010

Regular: EUR 250,00

Student : EUR 130,00

» Conference Web Site

For more detailed and regularly updated information, such as

- **deadlines**, schedules, accommodation, proceedings, payment ...
- **registration** and submission of abstracts
- list of special sessions and their speakers
- information on travel and directions

see on our conference website:

<http://aimsciences.org/AIMS-Conference/2010>
