The plenary invited lectures, special sessions (30-minute talk/discussion), and contributed sessions (20-minute talk/discussion) and poster sessions.

**TOPICS**

Analysis, applied analysis, differential equations and dynamical systems, in the broadest sense. Applications to real-world problems, including chemical, engineering, physical, and life sciences, in the forms of mathematical modeling and computations.

**ORGANIZING COMMITTEE**

- Prof. Dr. Stefan Siegmund
  Technische Universität Dresden
  Dep. of Mathematics

- Shouchuan Hu and Xin Lu
  American Institute of Mathematical Sciences (AIMS)

**CONTACT INFORMATION**

- aims2010@tu-dresden.de
- Prof. Dr. Stefan Siegmund
  Chair of Organizing Committee
- Fax: +49(0)351 463 34664

**PROGRAM**

**SCIENTIFIC COMMITTEE**

- Luis Caffarelli
  UT Austin, USA

- Emmanuel Candès
  Caltech, USA

- Kuo-Chang Chen
  Tsinghua University, Taiwan

- Barbara Gentz
  University of Bielefeld, Germany

- Louis Nirenberg
  Courant Institute, USA

- Masaharu Taniguchi
  Tokyo Inst Tech, Japan

- Gunther Uhlmann
  University of Washington, USA

- Lai-Sang Young
  Courant Institute, USA

- Shouchuan Hu (chair)
- Jerry Bona
- Tom Hou
- Hiroshi Matano
- Wei-Ming Ni
- Hinke Osinga
- George Papanicolaou
- Stefan Siegmund
- Xin Lu (Conf. Coordinator)

**INVITED PLENARY SPEAKERS**

- Luis Caffarelli
- Emmanuel Candès
- Kuo-Chang Chen
- Barbara Gentz
- Louis Nirenberg
- Masaharu Taniguchi
- Gunther Uhlmann
- Lai-Sang Young

**Wednesday, May 26 - Friday 28, 2010**

Dresden, Germany