

Organizers

The American Institute of Mathematical Sciences
Department of Mathematics and Statistics
University of North Carolina Wilmington

Organizing Committee

| | |
|----------------|--|
| Xin Lu (chair) | lux@uncw.edu |
| Yaw Chang | Edwina Johnson |
| Wei Feng | Semen Koksal |
| Zhaosheng Feng | Nolan McMurray |
| Michael Freeze | |

Scientific Committee

Shouchuan Hu (chair) general@aimsciences.org

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|------------------|---------------------|
| Jerry Bona | Wei-Ming Ni |
| Alberto Bressan | Louis Nirenberg |
| Marty Golubitsky | Gigliola Staffilani |
| Alain Miranville | |



Sponsored by



National Science Foundation
WHERE DISCOVERIES BEGIN

9th AIMS International Conference on



Dynamical Systems,
Differential Equations
and Applications

Sunday, July 01 -- Thursday, July 05

2012

Hyatt Grand Cypress Resort

Orlando, Florida, USA



Invitation

The AIMS Conference Series, "Dynamical Systems, Differential Equations and Applications," is established as a prime international 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 conference takes place every other year since 1996.

It is anticipated that this international conference will attract 1000 participants from all the continents to gather in Orlando, Florida.

We cordially invite you to participate in the "9th AIMS Conference on Dynamical Systems, Differential Equations and Applications."

Shouchuan Hu

Xin Lu

Plenary Speakers

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|-------------------|----------------|
| Andrea Bertozzi | USA |
| Michael Dellnitz | Germany |
| Eduard Feireisl | Czech Republic |
| Avner Friedman | USA |
| Yuan Lou | USA |
| Andrew Majda | USA |
| J. M. Sanz-Serna | Spain |
| Susanna Terracini | Italy |
| Jianhong Wu | Canada |

Program

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|----------------------|-----------|
| Plenary Lectures | |
| Invited Sessions | (30 min.) |
| Contributed Talks | (20 min.) |
| Poster Presentations | |

Focus of the Conference Series

- (1) broad variety of topics
- (2) invited sessions of 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, including chemical, engineering, physical and life sciences
Mathematical modeling and simulation

Conference Web Site

For more detailed and regularly updated information about:

deadlines, schedules, accommodation, proceedings, payment...

registration and submission of abstracts
list of special sessions and their speakers
information on travel and directions

please visit the conference website at

www.aims.org/conferences/2012/

If you are interested in organizing a special session for the conference, please contact: Dr. Shouchuan Hu (general@aims.org).

Proceedings

The proceedings will be published in the AIMS Proceedings series. All papers will be carefully refereed.

Funding

A proposal will be submitted to NSF for funding to assist graduate students and young researchers from US. Further information will be posted when it becomes available.

Registration Fees

Before March 15, 2012

Regular: \$290

Student: \$145

After March 15, 2012

Regular: \$360

Student: \$180

Conference Deadlines

Travel Grants: March 15, 2012

Abstract: March 15, 2012

Pre-registration: March 15, 2012

