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University of North Carolina Wilmington

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Hyatt Grand Cypress Resort
Orlando, Florida, USA

Sunday, July 01 -- Thursday, July 05
2012

Sponsored by
National Science Foundation
WHERE DISCOVERIES BEGIN
**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

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**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

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**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

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**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.aimsciences.org/conferences/2012/](http://www.aimsciences.org/conferences/2012/)

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

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**Plenary Speakers**

Andrea Bertozzi  
Michael Dellnitz  
Eduard Feireisl  
Avner Friedman  
Yuan Lou  
Andrew Majda  
J. M. Sanz-Serna  
Susanna Terracini  
Jianhong Wu

- USA
- Germany
- Czech Republic
- USA
- USA
- USA
- Spain
- Italy
- Canada

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**Registration Fees**

**Before March 15, 2012**
- Regular: $290
- Student: $145

**After March 15, 2012**
- Regular: $360
- Student: $180

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**Conference Deadlines**

- Travel Grants: March 15, 2012
- Abstract: March 15, 2012
- Pre-registration: March 15, 2012

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**Proceedings**

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