12th International Conference on Hyperbolic Problems: Theory, Numerics, Applications

University of Maryland, College Park

June  9 - 13, 2008

PLENARY SPEAKERS

Sylvie Benzoni-Gavage, Lyon
Gui-Qiang Chen, Chicago
Shuxing Chen, Shanghai
Michael Fisher, College Park
François Golse, Paris
Shi Jin, Madison
Alex Kiselev, Madison
Peter Markowich, Cambridge
Sergey Novikov, College Park
Stanley Osher, Los Angeles
Benoit Perthame, Paris
Benedetto Piccoli, Rome
Saul Teukolsky, Ithaca

INVITED SPEAKERS

Debora Amadori, L’Aquila
Fabio Ancona, Bologna
Weizhu Bao, Singapore
Alina Chertock, Raleigh
Cleopatra Christoforou, Houston
Camillo De Lellis, Zurich
Andreas Dedner, Freiburg
Donatella Donatelli, L’Aquila
Manoussos Grillakis, College Park
Philippe LeFloch, Paris
Xiantao Li, University Park
Shinya Nishibata, Tokyo
Christian Ringhofer, Tempe
Sigmund Selberg, Trondheim
Marshall Slemrod, Madison

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OBJECTIVE

To bring together scientists with interests in the theoretical, applied, and computational aspects of hyperbolic partial differential equations and related mathematical models found in diverse fields. Special effort will be made to enable young scientists to attend and to promote their interaction with the more senior researchers.

To keep traditional balance of the Hyperbolic Conference Series, blending theory, numerics and applications while including new focal points on:
* Singular limits
* Nonlinear wave patterns in multi-dimensions
* Particle/molecular dynamics
* Theory and numerics of multiphases and interfaces
* Transport in complex environments
* Model reduction—coupling and decompositions

SPONSORS

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* pending

DEADLINES

February 29, 2008: Abstracts
April 11, 2008: Registration

CORRESPONDENCE

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