# 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

## ORGANIZING COMMITTEE

Jian-Guo Liu, Eitan Tadmor, Thanos Tzavaras
University of Maryland, College Park

## SCIENTIFIC COMMITTEE

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Dennis Serre, France
Zhou Ping Xin, Hong Kong

## 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

## DEADLINES

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

## SPONSORS

National Science Foundation*
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Air Force Office of Scientific Research
Center for Scientific Computation and Mathematical Modeling, University of Maryland
Department of Mathematics, University of Maryland
Institute for Physical Science & Technology, University of Maryland
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## CORRESPONDENCE

HYP2008
Center for Scientific Computation and Mathematical Modeling
**CSCAMM**, 4146 CSIC Bldg. #406, Paint Branch Drive
University of Maryland, College Park MD 20742
E-mail: contact@hyp2008.umd.edu
Tel: +1 (301) 405.0652   Fax: +1 (301) 314.6674

## http://hyp2008.umd.edu/