



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

University of Maryland, College Park
June 9 - 13, 2008



Second Announcement

The Twelfth International Conference on
"Hyperbolic Problems: Theory, Numerics, Applications"

June 9-13, 2008

University of Maryland, College Park, USA

<http://www.hyp2008.umd.edu>

The twelfth International Conference on "Hyperbolic Problems: Theory, Numerics and Applications" (HYP2008) will be held at the University of Maryland on June 9-13, 2008. The objective of this conference is to bring together researchers, practitioners and students with interest in theoretical and computational aspects of hyperbolic PDEs and related time-dependent models.

We expect HYP2008 will provide an inspiring and productive forum to exchange and stimulate ideas from different disciplines; to formulate new challenging problems that will have impact on diverse fields of applications; and to learn about the recent developments in frontiers of theory and numerics in hyperbolic problems.

Information about the conference can be obtained from the website:
www.hyp2008.umd.edu/.

We urge all interested participants to register and to submit their abstracts online <http://www.hyp2008.umd.edu/login.aspx> at their earliest convenience. The target date for submission of abstracts which will receive full consideration is **February 29, 2008**.

The deadline for registration at a reduced rate is **April 11, 2008**.

The conference will keep the traditional balance of the HYP series, blending theory, numerics and applications. In addition to ongoing applications, it will include new focal points on

- (*) Singular limits
- (*) Nonlinear wave patterns in multi-dimensions
- (*) Particle/molecular dynamics
- (*) Theory and numerics of interfaces and multiphase flows
- (*) Transport in complex environments
- (*) Model reduction - coupling and decompositions

The list of plenary and invited speakers is posted at the conference website. The list of confirmed plenary speakers include:

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

Lodging. A block of hotel rooms nearby Campus was secured at a reduced HYP2008 rate, for reservations made before **May 9, 2008**. Detailed schedule and lodging information is available at the conference website.

Support. Partial support, primarily for young researchers is expected to be available, pending approval of outside funding.

Schedule. The conference plan should leave enough time for informal discussions and exchange of ideas. A special session will be organized on Wednesday, which will hold a dialogue between the invited panel members and the participants regarding open challenges. A conference Banquet will be held Wednesday evening.

Looking forward to seeing you in College Park,

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