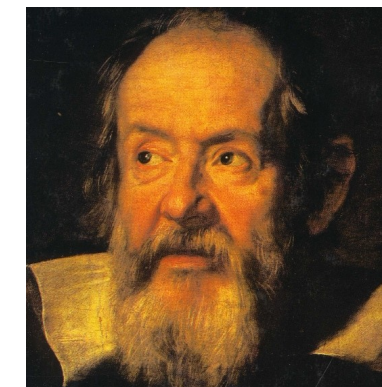




# 14<sup>th</sup> International Conference on Hyperbolic Problems: Theory, Numerics, Applications

Università di Padova  
June 25-29, 2012



## PLENARY SPEAKERS

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**Eduard Feireisl**, Prague  
**Song Jiang**, Beijing  
**Pierre Louis Lions**, Paris  
**Nader Masmoudi**, New York  
**Siddhartha Mishra**, Zürich  
**Igor Rodnianski**, Boston  
**Giovanni Russo**, Catania  
**James A. Sethian**, Berkeley  
**Yoshio Sone**, Kyoto  
**Alexis F. Vasseur**, Austin  
**Sijue Wu**, Ann Arbor  
**Enrique Zuazua**, Bilbao

## INVITED SPEAKERS

**Karine Beauchard**, Paris  
**Gianluca Crippa**, Basel  
**David Gerard-Varet**, Paris  
**Jean-Luc Guermond**, College Station  
**Seung-Yeal Ha**, Seoul  
**Michael Herty**, Aachen  
**Joachim Krieger**, Lausanne  
**Corrado Lattanzio**, L'Aquila  
**Jian-Guo Liu**, Durham  
**Mikhail Perepelitsa**, Houston  
**Xavier Raynaud**, Oslo  
**Moritz Reintjes**, Davis  
**Paolo Secchi**, Brescia  
**Michael Shearer**, Raleigh  
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**Gigliola Staffilani**, Boston  
**Shigeru Takata**, Kyoto  
**Kun Xu**, Hong Kong  
**Shih-Hsien Yu**, Singapore

## AIM AND SCOPE

To bring together researchers and students with interests in theoretical and computational aspects of hyperbolic PDEs and of related time-dependent models in the applied sciences.  
To stimulate and exchange new ideas from different disciplines, and to formulate new challenging problems that will have impact on diverse fields of applications.  
To keep the traditional balance of the HYP series, blending theory, numerics and applications, devoting particular attention to:

- \* Singular limits and dispersive equations
- \* Nonlinear wave patterns in multi-dimensions
- \* Particle/molecular dynamics
- \* Theory and numerics of multiphases and interfaces
- \* Transport in complex environments
- \* Control problems for hyperbolic PDEs and differential games
- \* General relativity and geometric PDEs

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