Modern Perspectives in Applied Mathematics: Theory and Numerics of PDEs

In honor of Eitan Tadmor's 60th birthday

April 28 - May 2, 2014
Hyatt Regency Bethesda, MD

Invited Speakers

Saul Abarbanel   *Tel-Aviv University*

Claude Bardos   *École Normale Supérieure de Cachan*

José A. Carrillo   *Imperial College London*

Tony Chan   *Hong Kong University of Science & Technology*

Gui-Qiang Chen   *University of Oxford*

Alexandre Chorin   *University of California, Berkeley*

Albert Cohen   *Université Pierre et Marie Curie*

Peter Constantin   *Princeton University*

Pierre Degond   *Imperial College London*

Bjorn Engquist   *The University of Texas at Austin*

Irene M. Gamba   *The University of Texas at Austin*

François Golse   *Ecole Polytechnique-Paris*

Thomas Hou   *California Institute of Technology*

Pierre-Emmanuel Jabin   *University of Maryland*

Shi Jin   *University of Wisconsin-Madison*

Heinz-Otto Kreiss   *Royal Institute of Technology*

Peter Lax   *New York University*

C. Dave Levermore   *University of Maryland*

Pierre-Louis Lions   *College de France*

Jian-Guo Liu   *Duke University*

Helena Lopes   *Federal University of Rio de Janeiro*

Andrew Majda   *New York University*

Siddhartha Mishra   *ETH Zurich*

Stanley Osher   *University of California, Los Angeles*

Benoît Perthame   *Université Pierre et Marie Curie*

Chi-Wang Shu   *Brown University*

Joel Smoller   *University of Michigan*

Endre Süli   *University of Oxford*

Tao Tang   *The Hong Kong Baptist University*

Blake Temple   *University of California, Davis*

Edriss Titi   *The Weizmann Institute and UC-Irvine*

Athanasios Tzavaras   *University of Crete*

The conference will focus on modern perspectives of time-dependent problems, the development of high-resolution algorithms, and the interplay between analytical and computational theories with applications to shock waves, kinetic transport, incompressible flows, image processing and models for self-organized dynamics.
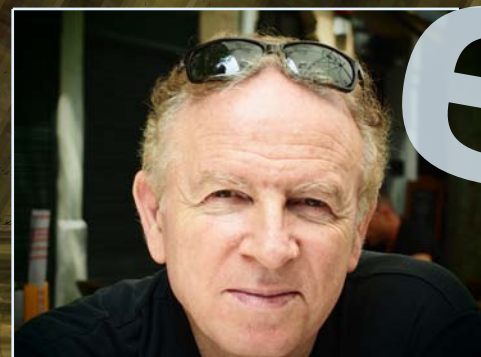
Organizers

Alina Chertock   *North Carolina State University*
Ron DeVore   *Texas A&M University*
Alexander Kurganov   *Tulane University*
Doron Levy   *University of Maryland*
Hailiang Liu   *Iowa State University*

To Attend

Registration is required.
Limited support for researchers at the early stage of their career is available.
Apply before **February 14, 2014**.

To register or to apply for support:
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Eitan Tadmor

60th