Numerical and Multiscale issues for Partial and Integral Differential Equations



In celebration of Bjorn Engquist Pioneer Contributions

Oct 14 - 17, 2015 Institute for Computational Engineering and Sciences (ICES) The University of Texas at Austin

ABSTRACT: Emerging areas in linear and non-linear theory encompassing Partial and Integral Differential Equations have generated the need to develop computational and numerical analysis tools in within the frame of multi-scale methods. The proposed forum will focus on a balance and interplay between theory, numerics, and applications as well as high-performance computing.

Applications for participation can be made through the **Online Application**. Due to space limitations, these requests are subject to approval by the organizers.

Invited Lectures

Todd Arbogast, UT-Austin **Gil Ariel**, Bar Ilan University

Luis Caffarelli, UT-Austin Russel Caflisch, UCLA Isabel N. Figueiredo, U.Coimbra, Portugal Weinan E, Princeton U. Sergey Fomel, UT-Austin Brittany Froese, , UT-Austin Thomas Y. Hou, Caltech Shi Jin, UW-Madison Tinsley Oden, UT-Austin Stanley Osher, UCLA George Papanicolaou, Stanford U. **Olof Runborg**, KTH Takis Souganidis, U. Chicago Yi Sun, USC **Eitan Tadmor**, UM-College Park Nick Tanushev, Z-Terra Inc., Houston **Richard Tsai**, UT-Austin Thaleia Zariphopoulou, UT-Austin Hongkai Zhao, UC-Irvine

Organizing/Scientific Committee

Irene M. Gamba, UT Austin Olof Runborg, KTH Anna-Karin Tornberg, KTH Richard Tsai, UTAustin Lexing Ying, Stanford U.

INFORMATION FOR PARTICIPANTS UT-Austin Visitor Guide ICES Peter O'Donnell Building (POB) 201 E 24th Street, Austin, TX. The University of Texas at Austin Email: norar@ices.utexas.edu



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