Numerical and Multi Scale 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.
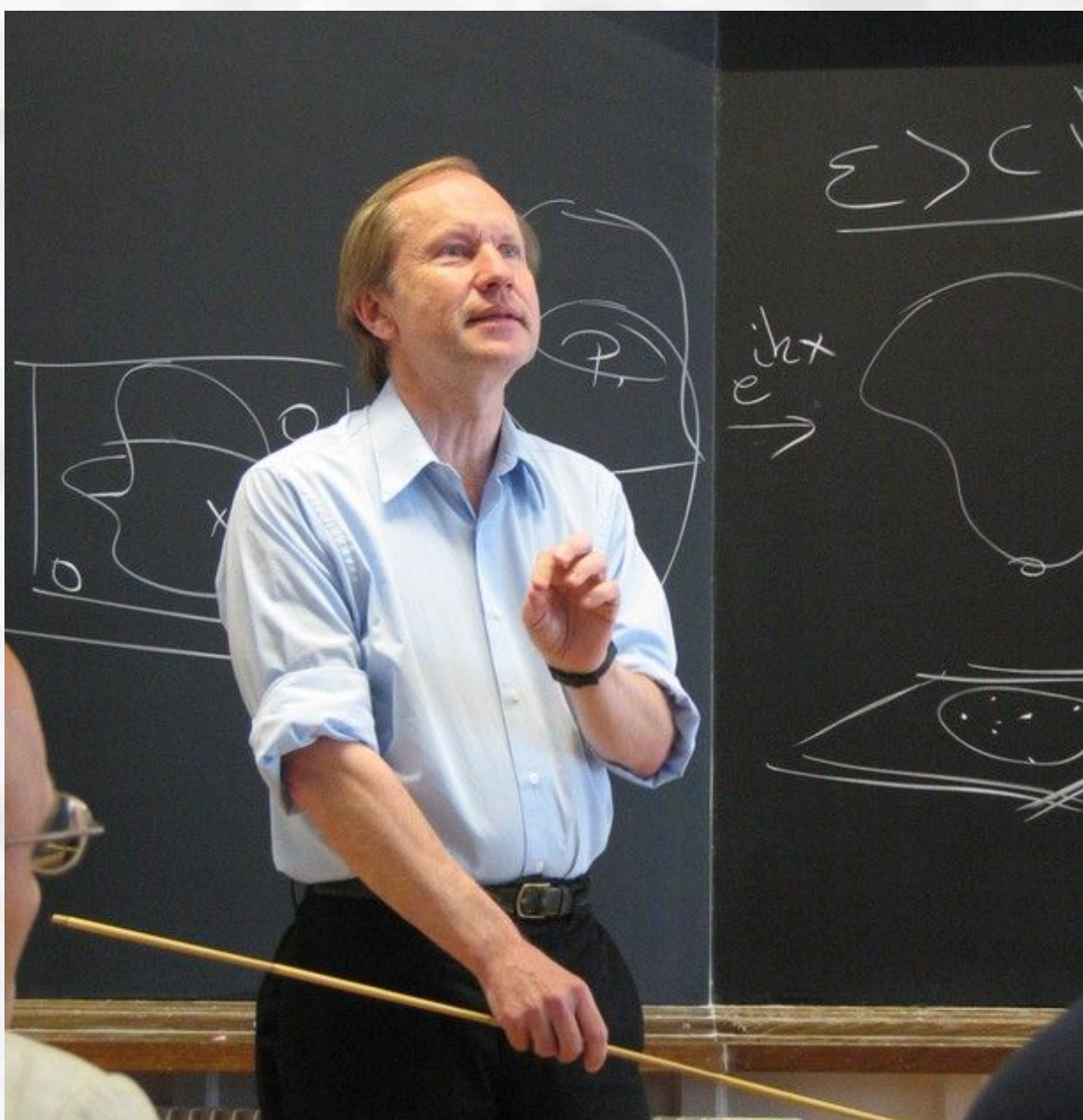
Invited Lectures

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
Peter Markowich, Kaust and Cambridge U.
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
Richard Tsai, UT-Austin
Thaleia Zariphopoulou, UT-Austin
Hongkai Zhao, UC-Irvine

Conference website and program:
http://www.ma.utexas.edu/nmpide/

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
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