

The Iowa State University

Department of Mathematics

presents the

**Workshop on Computational Methods and
Applied Partial Differential Equations**
November 4-5, 2005

Support for this workshop has been provided by
Holl Chair in Applied Mathematics

Invited Plenary Speakers:

Bjorn Engquist (Univ. of Texas, Austin)
M. Gregory Forest (UNC, Chapel Hill)
Irene Gamba (Univ. of Texas, Austin)
Max Gunzburger (Florida State Univ.)
Mitchell Luskin (Univ. Minnesota)
Stanley Osher (UCLA)
Chi-Wang Shu (Brown Univ.)
Marshall Slemrod (Univ. of Wisconsin)
Eitan Tadmor (Univ. of Maryland)
Tao Tang (Hong Kong Baptist Univ.)
Xiaoqiang Wang (IMA)
Gerald Warnecke (Magdeburg Univ.)
Jue Yan (UCLA)

Scientific Scope:

The workshop will place its emphasis on new computational strategies in the modeling of a wide variety of physical problems involving multiple temporal and/or spatial scales, ranging from complex fluids, plasma, wave propagation to the material processing. The goal of this workshop is to bring together leading experts and junior researchers of relevant fields. This meeting will expose participants to some of the main current trends and recently developed tools in computational PDEs and their applications.

Organizing Committee: **Hailiang Liu (co-Chair), Steve Hou (co-Chair)**
James Evans, Paul Sacks, Bo Su

Additional information is posted at

<http://orion.math.iastate.edu/hliu/holl2005/>

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Support from the following organizations is also acknowledged: the College of Liberal Arts and Sciences Miller Lecture Fund, Program of Applied Math in Ames Laboratory, Center for Physical and Computational Math, Aerospace Engineering Department and the CFD Center.