

MIT Applied Mathematics  
Biweekly Seminar on

# Numerical Methods for Partial Differential Equations

Spring 2009

Organizers: Benjamin Seibold, Jean-Christophe Nave

Wednesdays, 4-5pm, in 2-146

First speakers:

- February 18  
**Martin Frank** (Mathematics, University of Kaiserslautern)  
*Optimal treatment planning in radiotherapy based on Boltzmann equations*
- February 25  
**Shing Yu Leung** (Mathematics, UC Irvine)  
*A grid based particle method for the evolution of open curves and surfaces*

Further speakers:

- **Roland Bouffanais** (Mechanical Engineering, MIT)
- **John Lowengrub** (Mathematics, UC Irvine)
- **Jan Hesthaven** (Applied Mathematics, Brown University)
- **Pavel Grinfeld** (Mathematics, Drexel University)
- **Jacob White** (Electrical Engineering and Computer Science, MIT)
- **Frederic Gibou** (Mechanical Engineering, UC Santa Barbara)
- **Alexander Vladimirovsky** (Mathematics, Cornell University)

Schedule on the seminar web site:

<http://math.mit.edu/seminars/nmpde/>