

## Moving Interfaces and Threshold Dynamics

Wednesday May 9, 2001

- 9:00–9:30 *Registration*
- 9:30–9:40 **Eitan Tadmor** (UCLA / University of Maryland)  
*Opening Remarks*
- 9:40–10:30 **Andrew Majda** (New York University)  
*Theory and Modeling for Turbulent Reactive Fronts*
- 10:30–11:00 *Break*
- 11:00–12:00 **Markos Katsoulakis** (University of Massachusetts)  
*Mesoscopic theories for particle systems with long range interactions*
- 12:00–2:00 *Lunch (on your own)*
- 2:00–3:00 **Janko Gravner** (University of California at Davis)  
*Convergence to asymptotic shapes in threshold growth and related models*
- 3:00–3:30 *Break*
- 3:30–4:30 **Takis Souganidis** (University of Texas, Austin)  
*threshold dynamics and moving fronts*

Thursday May 10, 2001

- 9:30–10:30 **Barry Merriman** (UCLA)  
*Wherefore Art Thou Convolution Generated Motion?*
- 10:30–11:00 *Break*
- 11:00–12:00 **Steven Ruuth** (Simon Fraser University)  
*Convolution-based Methods for Interface Problems*
- 12:00–2:00 *Lunch (Hosted by IPAM)*
- 1:15–1:45 **David Griffeath** (University of Wisconsin)  
*Adventures in Clustering (computer demo)*
- 2:00–3:00 **Roberto Schonmann** (UCLA)  
*Metastability and critical droplets in Ising models*
- 3:00–3:30 *Break*
- 3:30–4:30 **Timo Seppalainen** (Iowa State University)  
*Recent Results on Hydrodynamics of Asymmetric Interacting Particle Systems and Related Interface Models*



## Friday May 11, 2001

- 9:30–10:30 **Lawrence Gray** (University of Minnesota)  
*The ergodic theory of traffic jams (joint work w/ David Griffeath)*
- 10:30–11:00 *Break*
- 11:00–12:00 **Kai Nagel** (ETH)  
*Absolutely stable high-flow states in stochastic car-following models*
- 12:00–12:15 *Concluding Remarks*

