

Friday, February 22	
MORNING SESSION	Chair: Dieter Armbruster (Arizona State University)
9:00 – 9:10	Dieter Armbruster (Arizona State University) Welcoming Remarks
9:10 - 10:00	David Levermore (University of Maryland) <i>Kinetic Theory Approaches to Large Systems: An Introduction</i>
10:00 - 10:50	Robert Axtell (George Mason University) <i>Firm Dynamics Driven by Job-to-Job Flows (of Workers)</i>
10:50 - 11:20	Coffee Break
11:20 - 12:10	Bill Griffin (Arizona State University) <i>Missing Determinants of Social Dynamics in Kinetic Models of Behavioral Systems.</i>
12:10 - 1:00	Athena Aktipis (UCSF) <i>Decentralized sharing norms for managing risk in uncertain environments</i>
1:00 - 2:30	LUNCH BREAK
AFTERNOON SESSION	Chair: Irene Gamba (UT Austin)
2:30 - 3:20	Ravi Srinivasan (UT Austin) <i>Kinetic models in information percolation and mean-field games</i>
3:20 - 4:10	Peter Helgesson (Chalmers University) <i>The N-player War of Attrition in the Limit of Infinitely Many Players</i>
4:10 – 4:40	Coffee Break
4:40 – 5:30	Ted Pavlick (Arizona State University) <i>Stochastic Robotics: Complexity, Compositionality, and Scalability</i>

Saturday, February 23	
MORNING SESSION	Chair: Bill Griffin (Arizona State University)
9:00 – 9:50	Ron Askin (Arizona State University) <i>An Optimization and Agent-Based Socio-Technical Modeling Approach for Engineered Complex Adaptive Systems</i>
9:50 - 10:40	Gadi Fibich (Tel Aviv University) <i>Is adoption of new products affected by the social network? Mathematical Marketing and Agent-Based approaches</i>
10:40 - 11:10	Coffee Break
11:10 - 12:00	Milend Tambe (University of Southern California) <i>Security and game theory: Key algorithmic principles, deployed applications and lessons learned.</i>
12:00 - 12:50	Ed MacKerrow (Los Alamos National Lab) <i>Modeling Crop Choice of Subsistence Farmers in Afghanistan</i>
12:50 - 2:30	LUNCH BREAK
AFTERNOON SESSION	Chair: Reinhard Illner (University of Victoria)
2:30 - 3:20	Sebastien Motsch (University of Maryland) <i>Kinetic Theory for Collective Displacements</i>
3:20-4:10	David Levermore (University of Maryland) <i>Modeling Portfolios Containing Risky Assets</i>
4:10 – 4:40	COFFEE BREAK
4:40 - 5:30	Hailiang Liu (Iowa State University) <i>Entropy satisfying methods for Fokker-Planck-type equations</i>
EVENING SESSION	Workshop Dinner Tricks 7pm

Sunday, February 24	
MORNING SESSION	Chair: Christian Ringhofer (Arizona State University)
9:00 – 9:50	Dirk Brockmann (Northwestern University) <i>Modelling global disease dynamics</i>
9:50 - 10:40	Benjamin Armbruster (Northwestern University) <i>Network Dynamics: From HIV Simulations to Mean Field Model</i>
10:40 - 11:10	Coffee Break
11:10 - 12:00	Nicolas Lanchier (Arizona State University) <i>Fluctuation and fixation in the one-dimensional Axelrod model</i>
	Workshop Closing