

Preliminary SwarmFest 2006 Schedule

- **Thursday, 6:00pm - 9:00pm, June 22, 2006**
 - SwarmFest 2006 Opening Reception: Food, drink, music and poster session
- **Friday, June 23, 2006 (14 agent-based modeling related papers from the NAACSOS conference will also be scheduled on this day)**
 - Gary An, Director of the Burn Intensive Care Unit, Cook County Hospital 9:15-10:15am
 - Morphology and Modularity: ABM Approaches to Biomedical Modeling (Invited Speaker)
 - Steve Bankes, Evolving Logic/RAND 12:00-1:30pm
 - Robust Inference in Computational Social Science (Invited Luncheon Speaker)
 - **Presentation Session 3:15-5:00 pm**
 - William Rand, Northwestern University: Widgets, Planets, and Demons: The Case for the Integration of Human, Embedded, and Virtual Agents via Mediation
 - Steven Lytinen, DePaul University: A comparison of Agent-based Simulation Platforms
 - Michael North, Argonne National Laboratory: A Brief Introduction to the New Repast Symphony Toolkit
 - Keith Christensen: Evaluating access for persons with disabilities during mass egress events in public places
 - **Panel: Teaching Agent-based Modeling 5:15-6:00 pm**
 - Moderator: Steven Lytinen, DePaul University
 - Panelists: William Rand, Northwestern University; Michael North, Argonne National Laboratory; Greg Madey, University of Notre Dame
 - **Social, Poster Session, Birds-of-a-Feather: 6:00 pm - ?**

- **Saturday, June 24, 2006**

- Steve Railsback, Lang, Railsback & Associates and the Department of Mathematics, Humboldt State University, 9:15-10:15am
 - What makes a good individual-based model (and has there ever been one)?
(Invited Speaker)
- **Presentations (Sessions & Times TBD)**
 - Virginia A. Folcik and Charles G. Orosza, College of Medicine, Ohio State University: An Agent-Based Model Demonstrates that the Immune System Behaves Like a Complex System and a Scale-Free Network
 - James Anderson, School of Aquatic & Fishery Sciences, University of Washington: Agent Based Methods in Ecohydraulics
 - Bryan Thorne, Alexander M. Bailey, Shayn M. Peirce, Department of Biomedical Engineering, University of Virginia: Modeling Blood Vessel Growth: An Integrated Agent Based and Finite Element Analysis Approach
 - Kyle Newton, Rebecca Tyson, University of British Columbia - Okanagan: Modelling the effectiveness of sterile insect release within a Codling moth population
 - Paul Cunningham, Humboldt State University: A Sensitivity Analysis of an Individual-based Trout Model
 - Brandon Rich and Jeanne Romero-Severson, Computer Science & Engineering and Biological Sciences, University of Notre Dame: Modeling Northern Red Oak Migration in Netlogo 3.1
 - Todd Crowl and Paul Box, Commonwealth Scientific and Industrial Research Organization, Australia: Shrimp migrations in the Caribbean National Forest, Puerto Rico: modeling effects of roads and recreational use
 - Sule Yildirim, Department of Computer Science, Hedmark University College, Norway; Gregory Dam, Department of Learning Sciences, Northwestern University; James C Houk, Department of Physiology, Northwestern University Medical School : Agents of the Mind to Emerge in NetLogo
 - Timothy Schoenharl, Dongyoung Shin, Daniel Mack, Dave Severson, Computer Science & Engineering and Biological Sciences, University of Notre Dame: Population Replacement in the Mosquito *Aedes Aegypti* using a Meiotic Drive System

- Kelly E. Lane, Gerhard Niederwieser, and Ryan Kennedy: Biological Sciences and Computer Science & Engineering, University of Notre Dame, Modeling Disease Transmission in Long-tailed Macaques (*Macaca fascicularis*) on Bali
- Ferdi L. Hellweger, Ehsan Kianirad, Civil & Environmental Engineering Department, Northeastern University: Spatially Explicit Individual-Based Modeling: Global vs. Local Fixed Agent Number Methods
- Yongqin Gao, Greg Madey, Computer Science & Engineering, University of Notre Dame: Simulation of the Open Source Software Community
- Paul Box and Yiheyis Mar, Commonwealth Scientific and Industrial Research Organization, Australia: An agent-based representation of social networks, cooperative behavior, and viability of remote desert communities in central Australia

- **Closing Meeting: Swarm Development Group update and SwarmFest award ceremony**

- **Tutorials: Sunday, June 25, 9:00 - 4:30pm**
 - **Bill Rand and Spiros Marulis, Northwestern University**
 - **Mike North, Argonne National Laboratory**