



Program Schedule (as of 06/10/2009)

Tuesday, June 23, 2009

- 7:00 am **Buses depart to ORNL from The Double Tree, Oak Ridge and Spring Hill Suites, Knoxville**
- 7:00 – 8:00 am **Arrival / Registration / Continental Breakfast**
- 8:00 – 8:10 am **Welcome and Administrative Comments**
Bob Schlicher, Co-Director, Computational Human Behavior Center
- 8:10 – 8:30 am **Introduction**
Brian Worley, Division Director, Computational Sciences and Engineering Division
- 8:30 – 9:00 am **Keynote Speaker – CDR Dylan Schmorrow, MSC, USN, Ph.D.**
Program Director, OSD Human, Social, Culture and Behavior (HSCB) Modeling
- 9:00 – 9:25 am **Situational Awareness Using the ISSM**
Dean Hartley (presenter)
- 9:25 – 9:50 am **MASON RebeLand: An Agent-Based Model of Politics, Environment, and Insurgency**
Claudio Cioffi (presenter) and Mark Rouleau
- 9:50 – 10:15 am **Conflict in Complex Social-Natural Systems: Using Agent-Based Models to Understand the behavioral Roots of Social Unrest within the Manderia Triangle**
Mark Rouleau (presenter), Mark Coletti and Atesmachew Hailegiorgis
- 10:15 – 10:30 am **Break**
- 10:30 – 11:00 am **Keynote Speaker – Montgomery McFate, J.D., Ph.D.**
Senior Social Scientist, Human Terrain System, U.S. Army
- 11:00 – 12:00 pm **Panel Session – Chaired by Adam Silverman, Ph.D., Human Terrain System, U.S. Army**
The U.S. Army Human Terrain System: Concepts and Operations
- 12:00 – 1:30 pm **Lunch / Executive Lunch**
- 12:30 pm **Poster Session**
- 12:45 pm **ORNL Tour Participants meet in front of the Visitor Center**
- 1:00 pm **ORNL Tour departs**

- 1:30 – 1:55 pm **Nexus: An Intelligent Agent Simulation of Interpretive Social Science for the Analysis of Irregular Warfare**
Deborah Duong (presenter)
- 1:55 – 2:20pm **MASON AfriLand: A Regional Multi-Country Agent-Based Model with Cultural and Environmental Dynamics**
Claudio Cioffi (presenter) and Mark Rouleau
- 2:20 – 2:45 pm **Information-Theoretic Approaches for Evaluating Complex Adaptive Social Simulation Systems**
Olufemi Omitaomu and Auroop Ganguly (presenter)
- 2:45 – 3:00 pm **Break**
- 3:00 – 4:30 pm **Panel Session – Chaired by Kevin Gluck, Air Force Research Laboratory**
High Performance Computing for Computational Cognitive Modeling: Recent Developments, Lessons Learned, and New Directions
- 4:30 – 4:55 pm **Narrative Paradigm in Cultural Geography Modeling**
Leroy “Jack” Jackson (presenter) and Pattie “Maria” Vedder
- 4:55 – 5:20 pm **LandScan Data Sets for Automating Simulation Set-up while Accommodating Multiple Modeling Approaches within a Flexible Simulation Platform**
Steven Fernandez (presenter), Amy Rose and Edward Bright
- 5:20 pm **Day One Ends**
- 5:35 pm **Buses depart for hotels**
- 6:30 pm **Dinner, Calhoun’s at Turkey Creek**
Keynote Speaker – Alenka Brown, Senior Research Fellow
National Defense University
Behavioral Science in the 21st Century