



## Program Schedule

**Tuesday, June 24, 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 – 8:30 am           **Keynote Speaker – Kathleen M. Carley, Ph.D.**  
 Director Center for Computational Analysis of Social and Organizational Systems (CASOS), Carnegie Mellon University  
*Dynamic Network Analysis: New Capabilities and a Look to the Future*
- 8:30 – 8:55 am           **Simulating Emergent Multi-tiered Social Ties**  
*Brian R. Hirshman (presenter), Jesse St. Charles and Kathleen M. Carley*
- 8:55 – 9:20 am           **A Stigmergy Collaboration Approach in Open Source Software Developer Community**  
*Xiaohui Cui (presenter), Laura Pullum, Jim Treadwell and Thomas Potok*
- 9:20 – 9:45 am           **Applying Adaptive Anomaly Detection to Human Networks**  
*Jeff Patti (presenter), Nadya Belov and Patrick Craven*
- 9:45 – 10:10 am         **Multi-Modal Social Networks**  
*Edward Wegman (presenter) Yasmin Said and Walid Sharabati*
- 10:10 – 10:25 am       **Break**
- 10:25 – 10:50 am       **A Connectionist Modeling Approach to Rapid Analysis of Emergent Properties in Social Cognition**  
*Kalyan Perumalla (presenter) and Jack Schryver*
- 10:50 – 11:15 pm       **Panel Session – Chaired by Michael L. Bernard, Ph.D., Cognitive and Military Systems, Sandia National Laboratory**  
*Cellular to social: Modeling decision-making within high consequence environments*
- 11:15 – 12:00 pm       **Episodic Memory Modeled by an Integrated Cortical-Hippocampal Neural Architecture**  
*Craig M. Vineyard (presenter), Shawn Taylor, Michael Bernard, Steve Verzi and Dan Morrow*

12:00 – 1:00 pm	<b>Lunch</b>
12:45 pm	<b>ORNL Tour Participants meet in front of the Visitor Center</b>
1:00 pm	<b>ORNL Tour departs</b>
1:00 – 1:30 pm	<b>Keynote Speaker – Layne Kalbfleisch, Ph.D., Director, MRI Safety and Operations, George Mason University</b> <i>Gaps and Junctions In and Between: New Perspectives on Brain, Behavior, and Context</i>
1:30 – 1:55pm	<b>Electroencephalograph I the Default Mode of Brain Function</b> <i>Rex Cannon (presenter), Debora Baldwin, Joel Lubar and Robert Thatcher</i>
1:55 – 2:20 pm	<b>An Anticipatory and Deceptive AI Utilizing Bayesian Belief Networks</b> <i>Joe Lake (presenter), Glenn Allgood, Mohammed Olama and Jay Saffold</i>
2:20 – 2:30 pm	<b>Break</b>
2:30 – 2:55 pm	<b>Enabling Operator/Analyst Trust in Complex Human Socio-Cultural Behavior Models</b> <i>Jonathan Pfautz, Eric Carlson (presenter) and Mike Farry</i>
2:55 – 3:20 pm	<b>Advanced Architecture for Modeling and Simulation (ADAMS)</b> <i>Janet Wedgwood (presenter), John Welsh, Zach Horiatis and Tim Siedlecki</i>
3:20 – 3:45 pm	<b>Closing Remarks</b>
3:45 pm	<b>Conference Adjourns</b>
4:00 pm	<b>Buses depart for hotels</b>