

Volume 28, Issue 57**Conference Announcement****Third Annual Lake Arrowhead Conference on Human Complex Systems**

Location : Lake Arrowhead, CA

Organizers : UCLA Human Complex Systems

Major Topics : Agent Modeling Methodologies, Model Design Issues, Complexity/Chaos Theory, Social Network Dynamics, Game Theory (please see website for a complete list)

Conference Dates : 5/19/2004 to 5/19/2004

Submission Deadline : 11/1/2003

Send Submissions To : electronic submission at <http://www.hcs.ucla.edu/arrowhead.htm>

Sponsoring Organizations :

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Web Page : <http://www.hcs.ucla.edu/arrowhead.htm>

HUMAN COMPLEX SYSTEMS III CALL FOR PAPERS Hello! After two successful years, we're back!!! Join us for the Third Annual Lake Arrowhead Conference on Human Complex Systems. Wednesday, May 19 through Sunday, May 23, 2004. We welcome back all the participants from the past two years, and especially newcomers. An invitation follows below. Further information is available on our website at: <http://www.hcs.ucla.edu/arrowhead.htm>
WE INVITE PAPERS AND SESSIONS ON THE FOLLOWING TOPICS: Agent Modeling Methodologies Modeling Approaches: Evolutionary Computation, Cellular Automata, Genetic Algorithms, Neural Networks, Simulated Annealing Robustness and Validity Issues Intersections with Mathematics, Human Experiments, and Social Epistemology Artificial Societies and Artificial Cultures Physical and Virtual Robot Societies and Cultures Complexity and Chaos Theory Emergent Social Structure Social Network Dynamics Spatial Analysis Game Theory Knowledge, Distributed Intelligence, and Distributed Cognition Governance, Centralization, Decentralization Agent-Related Systems Dynamics Public and Private Sector Applications Disciplinary and Multi- and Interdisciplinary Applications Topics of Your Choice We encourage papers at the cutting-edge of agent-based modeling that are relevant to the social science community broadly defined. **WE ESPECIALLY INVITE SESSION PROPOSALS ON THE FOLLOWING QUESTIONS:** 1. Models for scientific (truth) justification or practical usefulness? 2. Models, Proof, and Prediction? 3. Are we modeling more than slime mold complexity? 4. Are models without memory and path dependency useful in social science? 5. How much should we KISS? The old "simple vs. complex" debate. 6. How much model validation with real world data should be required for publication? 7. Most models fail to meet Stanley Salthe's "triadic structure" standard. A problem? 8. Should models get into Aristotelian causes & coevolutionary causal dynamics? 9. Simulated agents are usually always activated. People aren't. Does this make models invalid? 10. What basic theories of order creation are implied in social science agent-based models? 11. Are models mixing order creation and statistics oxymoronic? What to do about this? 12. Self-interest vs. "embeddedness" rules. Economics vs. Sociology? Should modelers care? 13. Agent models vs. math. Is there a difference? Should modelers worry? Math old fashioned? This year's conference is once again at the UCLA Lake Arrowhead Conference Center: <http://www.uclaconferencecenter.com> The all inclusive prices are below. These include EVERYTHING: lodging, meals, transportation, conference registration: Students: \$650 Faculty: \$800 Private Sector: \$900 We look forward to seeing you at Lake Arrowhead! Best wishes, UCLA Human Complex Systems

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