SwarmFest2016

20th Annual Meeting on Agent-Based Modeling & Simulation

University of Vermont
Burlington, VT 05405
July 31 – August 3, 2016
www.Swarmfest2016.org

Hosted by: The Social Ecological Gaming & Simulation Lab, The Complex Systems Center, The Institute for Environmental Diplomacy & Security, the VT EPSCOR, and The Gund Institute for Ecological Economics

SwarmFest is the annual meeting of the Swarm Development Group (SDG), and one of the oldest communities involved in the development and propagation of agent-based modeling. SwarmFest has traditionally involved a mix of both tool-users and tool-developers, drawn from many domains of expertise. These have included, in the past, computer scientists, software engineers, biomedical researchers, ecologists, economists, political scientists, social scientists, resource management specialists and evolutionary biologists. SwarmFest represents a low-key environment for researchers to explore new ideas and approaches, and benefit from a multi-disciplinary environment.

We also encourage the sharing of our experiences with attempting to gain acceptance of ABM within our own research communities, and discuss strategies where cross-domain examples/analogies can aid in that process. We will also try to identify future avenues for ABM research, including the "next" generation of ABM tools, platforms and applications.

Topics of interest include, but are not limited to:

Social Ecological Gaming and Simulation	Model Replication, Verification & Validation
Policy Design with Agent-based Models	Participatory & Human-in-the-Loop Simulations
Agent-based models for simulation & training	Simulation Software & Computational Frameworks
Dynamic Human Behavior ABMs	Agent-based Computational Economics
Human Factors Simulations	Conflict Resolution & Cooperation
Digital Humanities	Coupled Human-Natural Systems
Agent-based Models and Simulators of the Economy	Diffusion of Innovations
Aggregation and Emergent Macroeconomics	Dynamics of Trust, Social Norms, Reputation & Opinion
General Equilibrium Model with Heterogeneous Agents	Epidemiology & Pharmacoeconomics
Economic Development, Technological Change and Growth	Group Decisions & Collective Behaviors
Socio-economic and Financial Networks	Market Design, Mechanism Design & Auctions
Agent-based Modeling Methodology	Social Networks

Submissions Due June 15th, 2016
We welcome presentations involving agent-based simulation from all disciplines. Please submit abstracts of up to 1-2 pages to: submissions@swarmfest2016.org. Submissions will be approved on a rolling basis. More details can be found at: **www.Swarmfest2016.org**