



The Fifth Conference of  
The European Social Simulation Association  
ESSA 2008

## ACCEPTED PAPERS

### Plenary Sessions

1. **Edmund Chattoe-Brown** "The Social Transmission of Choice: An Exploratory Computer Simulation with Applications to «Hegemonic Discourse»"
2. **Edoardo Mollona and Andrea Marcozzi** "Self-Emerging Coordination Mechanisms for Knowledge Integration Processes"
3. **Iker Yildirim and Pinar Yolum** "Hybrid Models for Achieving and Maintaining Collaborative Symbiotic Groups"
4. **Marco Campenni, Giulia Andrighetto, Federico Cecconi and Rosaria Conte** "Normal = Normative? The Role of Intelligent Agents in Norm Innovation"
5. **Mark Kramer, Roger Costello and John Griffith** "Investigating the Force Multiplier Effect of Citizen Event Reporting by Social Simulation"
6. **Mohamed Abdou, Nigel Gilbert and Katharine Tyler** "Agent-Based Simulation Model for Social and Workplace Segregation"
7. **Paul Ormerod and Greg Wiltshire** "Social Networks as a Regulatory Tool: The Problem of 'Binge' Drinking in the UK"
8. **Peter S. van Eck, Wander Jager and Peter S.H. Leeflang** "Opinion Leaders' Role in Innovation Diffusion: A Simulation Study"
9. **Simon Gemkow and Michael Neugart** "Referral Hiring, Endogenous Social Networks, and Inequality: An Agent-Based Analysis"
10. **Wander Jager and Marco Janssen** "Normative and Informative Social Influence on Sales and the Effect of a Discount"

## Parallel Sessions

1. **Alfredo Garro and Wilma Russo** “An Integrated and Iterative Process for Agent-Based Modeling and Simulation”
2. **Andreas Koch** “Analysing Complex Socio-Spatial Agent Systems with Techniques of Network Analysis and Geostatistics”
3. **Armando Geller and Nanda Wijermans** “«Death to . . . !»: On Opinion Dynamics in Conflict-Torn Afghanistan”
4. **Attila Szabo, Laszlo Gulyas and Istvan Toth** “TAXSIM Agent Based Tax Evasion Simulator”
5. **Balázs Bálint and Laszlo Gulyas** “Traffix: A Framework for Agent-Based Traffic Simulations”
6. **Catherine Chiong Meza and Emile Chappin** “Modelling Energy Infrastructures: Where Transition Theory Meets Agent-Based Modelling”
7. **Cristina Boari, Guido Fioretti and Vincenza Odorici** “Knowledge Development Among Clustered and Isolated Firms”
8. **Daniel Villatoro and Jordi Sabater Mir** “Mechanisms for Social Norms Support in Virtual Societies”
9. **David Chavalarias and Vincent Roger de Gardelle** “A Social Simulation of Collective Discovery Processes: the Nobel Game”
10. **Floriana Gargiulo, Stefano Lottini and Alberto Mazzoni** “The Saturation Threshold of Public Opinion: Are Aggressive Media Campaigns Always Effective?”
11. **Francisco J. Miguel Quesada** “Acceptability and Complexity of ABSS: The Social Science Community Dilemma and a Methodology to Test Relevant Theoretical Elements”
12. **Frank Beckenbach, Maria Daskalakis and Ramon Briegel** “Behavioral Foundation and Agent-Based Simulation of Innovation Dynamics”
13. **Fred Amblard and Wander Jager** “Emergent Social Networks Resulting From Different Processes of Interaction”
14. **Friedrich Krebs and Andreas Ernst** “Comparing the Impact of Different Compensation Policies on Collective Land Reclamation”
15. **Gabriel Istrate** “Dissecting the Artificial: the Adversarial Scheduling Approach to Validating Game-Theoretic Models and Social Simulations”
16. **Gary Polhill, Alessandro Gimona, Ben Davies, Nick Gotts, Davy McCracken, Aurore Catalan, Guillaume Dury and Davy Decorps** “A Model for Exploring Human-Natural System Interactions in the Context of Agricultural Biodiversity”
17. **Georg Holtz** “Modeling Transitions from the Bottom-Up: The Case of the Upper Guadiana, Spain”
18. **Gerard Ballot and Erol Taymaz** “Love Thy Neighbor: A Simulation Study on International Technology Spillovers and Growth Regimes”
19. **Giovanni Dosi, Luigi Marengo, Corrado Pasquali and Marco Valente** “Knowledge, Competition and Appropriability: Is Strong IPR Protection Always Needed for More and Better Innovations?”
20. **Gonenc Yucel and Cornelia van Daalen** “Exploring Transition Dynamics: A Case-based Modeling Study”
21. **Gordon Bernedo Schneider and Andreas Ernst** “Socio-Cognitive Agents Fighting for Scarce Resources”

22. **Hans-Joachim Mosler and Wernher Brucks** "Resource-Use Simulations Using Agents with Psychology-Relevant Internal Models"
23. **Herbert Dawid, Simon Gemkow, Philipp Harting and Michael Neugart** "Spatial Skill Heterogeneity and Growth: An Agent-based Policy Analysis"
24. **Jans de Haan** "Abstractly Modelling Transition Theory"
25. **Klaus G Troitzsch** "Simulating Collaborative Writing: Software Agents Produce a Wikipedia"
26. **Lucio Biggiero** "Effects of Exploration and Experimentation Capacity on Industry Competitiveness. Results from An Agent-Based Simulation Model"
27. **Luminita Stemate and Bernard Moulin** "Modeling Crowd Control Using Social Identity Theory - Towards Agent-Based and System Dynamics Simulations"
28. **Lynne Hamill and Nigel Gilbert** "A Simple but More Realistic Agent-based Model of a Social Network"
29. **Martin Neumann** "Legitimacy and Conflict: an Architecture for an Integrated Perspective"
30. **Matthias Meyer, Iris Lorscheid and Klaus G Troitzsch** "Intellectual Structure of Social Simulation as Reflected in the First Ten Years of JASSS – A Citation and Co-Citation Analysis"
31. **Mauro Lombardi** "The Production Process as a Complex, Dynamic and Ordered Workspace"
32. **Mehdi Saqalli, Bruno Gérard, Charles Bielders and Pierre Defourny** "Benchmarking Humanitarian Support: Empirical Agent-Based Modelling of Development Action Types in Nigerian Villages"
33. **Michael Elbers and Andreas Ernst** "A Quasi-Qualitative Model of Farmer Decision Making and its Social and Economic Drivers"
34. **Narine Udumyan and Juliette Rouchier** "Learning Agents in a Bioeconomic Model of Open-Access Fishery"
35. **Nicholas Geard and Seth Bullock** "Movement Recruitment and Social Networks: a Computational Model"
36. **Nigel Gilbert, John C. Hawksworth, and Paul A. Swinney** "An Agent-Based Model of the UK Housing Market"
37. **Ole Benjamin Schroeder** "Sustainability of Agricultural Water-Saving Options - Agent-Based Modeling of an Irrigation System in Morocco"
38. **Peter Davis** "Primary Care in an Ageing Society - Building a Microsimulation Model"
39. **Pietro Terna** "Agents in Simulation Models, using a Swarm-like Agent Protocol in Python (SLAPP)"
40. **Riccardo Boero, Giangiacomo Bravo, Marco Castellani and Flaminio Squazzoni** "Why Bother with What Others Tell You? An Experimental Data-Driven Social Simulation Model"
41. **Richard Harrison** "Dominant Coalition Dynamics: The Politics of Organizational Adaptation and Failure"
42. **Robert Bowers** "Inheriting a Simple Behavioural Rule versus Inheriting a Neural Network to Implement it Reflects in Sexual Selection"
43. **Ruud Kempener, Peter Kaufmann and Sigrid Stagl** "Exploring Policy Interventions for Rural Sustainable Development"
44. **Samer Hassan, Luis Antunes, Juan Pavon and Nigel Gilbert** "Stepping on Earth: A Roadmap for Data-driven Agent-Based Modelling"
45. **Samuel Thiriot and Jean-Daniel Kant** "Generate Country-Scale Networks of Interaction From Scattered Statistics"

46. **Sandra Gonzalez-Bailon and Tommy E. Murphy** "When Smaller Families Look Contagious: A Spatial Look at the French Fertility Decline Using an Agent-Based Simulation Model"
47. **Scott Moss** "Policy Modelling: Problems and Prospects"
48. **Sylvie Huet and Guillaume Deffuant** "Bounded Confidence with Rejection: Clusters or Scattered Opinions?"
49. **Tatiana Filatova, Anne van der Veen and Dawn Parker** "How Do Macroeconomic Outcomes of a Land Market Differ if a Representative Agent is Replaced by a Heterogeneous Agent with Real-World Preferences for Location? An Evidence from the ABM Urban Land Market for a Coastal City"
50. **Tatsuo Yanagita and Tamotsu Onozaki** "A Model of Market Structure Dynamics with Boundedly Rational Agents"
51. **Thomas Buchsbaum and Hans-Joachim Mosler** "Knowledge and Attitude Dynamics in a Two-Persons Discussion Based on a Persuasion Model from Social Psychology"
52. **Tino Schuette** "Investment Adjustments in Product Market Competition"
53. **Ulf Lotzmann, Michael Moehring and Klaus G Troitzsch** "Simulating Norm Formation in a Traffic Scenario"
54. **Yang Chao, Setsuya Kurahashi and Takao Terano** "Agent-Based Simulation on Women's Role in a Family Line on Civil Service Examination in Chinese History"
55. **Yusuke Chamoto, Etsuhiro Nakamura and Tadahiko Murata** "The Control of Public Policies by Adaptively Rational Voters"