European Social Simulation Association 2009 Conference Programme
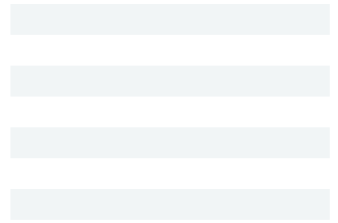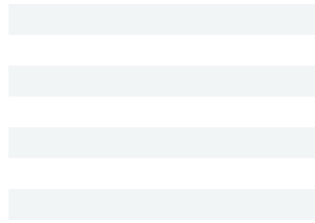
Type	Date & Time	Griffith Theatre	Lecture Theatre E	Lecture Theatre M	43AD03
Registration Desk	14/09 - 18/09	Lecture Theatre B			
	Monday 14th September				
Tutorial	9:00 - 10:30		*Gerd Wagner, Brandenburg University of Technology at Cottbus, Germany* From Basic Discrete Event Simulation via Object-oriented to Agent-based Discrete Event Simulation		
Coffee Break	10:30 - 11:00	Lecture Theatre Lower Concourse			
Tutorial (continued)	11:00 - 12:50	*Gary Polhill* *Macaulay Land Use Research Institute* Social Simulation on the Grid	*Gerd Wagner, Brandenburg University of Technology at Cottbus, Germany* From Basic Discrete Event Simulation via Object-oriented to Agent-based Discrete Event Simulation		
Lunch (for tutorial participants)	13:00 - 14:00	Hillside Restaurant			
Welcome	14:00 - 14:30	Griffith Theatre			
Plenary	14:30 - 15.00	*Gary Polhill and Nick Gotts* Size matters: results from large-scale replications of experiments with FEARLUS	**Chair: Flaminio Squazzoni**		
Plenary	15:00 - 15.30	*C. Athena Aktipis and John W. Pepper* The simplicity of cooperation: Conditional movement rules promote cooperation			
Coffee Break	15: 30 -16:00	Lecture Theatre Lower Concourse			
Plenary	16:00 - 16:30	*Nicholas Geard and Seth Bullock* Homophily and competition: a model of group affiliation	**Chair: Flaminio Squazzoni**		
Plenary	16:30 - 17:00	*Edmund Chattoe-Brown* Simulating "Stage" Theories: An Exploration with Applications			
Plenary	17:00 - 17:30	*Patrick Roos and Dana Nau* Conditionally Risky Behavior *vs* Expected Value Maximization in Evolutionary Games			
Welcome Reception	18:00 - 19:00	Roots Bar			

Type	Date & Time	Griffith Theatre	Lecture Theatre E	Lecture Theatre M	43AD03
	Tuesday 15th September				
Keynote	09:00-10:30	*Tim Kohler* Generative archaeology: How even really simple models can help in understanding the past	**Chair: Bruce Edmonds**		
Coffee Break	10:30 - 11:00	**Lecture Theatre Lower Concourse**			
Plenary	11:00 - 11:30	*Zach Lewkovicz, Daniel Domingue and Jean-Daniel Kant* An agent-based simulation of the French labour market: studying age discrimination	**Chair: Nick Gotts**		
	11:30 - 12:00	*Tatiana Filatova, Anne van der Veen and Dawn Parker* Why does individual risk perception matter in land use modeling? Combining survey data and agent-based land market model			
	12:00 - 12:30	*Narine Udumyan, Juliette Rouchier and Dominique Ami* What if the decision I made yesterday influences my profit today? Learning agents in a bioeconomic model of fishery			
Lunch	12:30 - 14:00	**Hillside Restaurant**			
		Traffic, Safety and Public Acceptance **Chair: Claudio Cioffi-Revilla**	**Social Norms** **Chair: Edmund Chattoe-Brown**	**Policy Modelling** **Chair: Ruth Meyer**	
Parallel	14:00 - 14:20	*Valery Makarov, Vladimir Zhitkov and Albert Bakhtizin* Moscow traffic jam is under attack of an intelligent agent-based model	*Martin Neumann* Dissecting the BOID perspective on norms	*Geraldine Abrami and Maja Schlueter* Building an Agent-Based Model for exploring how informal rules may impact the functioning of newly-established Water User Associations in Central Asia	
	14:20 - 14:40	*Masatora Daito and Noriyuki Tanida* A study on human communication and human-smoke interaction under fire evacuation	*Nathalie van Vliet, Robert Nasi, François Bousquet, Mehdi Saqalli and Eleonor J. Milner-Gulland* Where and when we hunt counts more than how much we hunt: A case study on bay duikers in North East Gabon using a multi agent system	*Lee Hoffer, Georgiy Bobashev and Robert Morris* Simulating patterns of heroin addiction within the social context of a local heroin market	
	14:40 - 15:00	*Diana Schumann and Annika Simon* Communication of CO2 capture and storage (CCS): Simulating the impact on knowledge and public acceptance	*Elio Marchione, Mauricio Salgado and Nigel Gilbert* What did you say? Emergent communication in a multi-agent spatial configuration	*Sascha Holzhauer, Friedrich Krebs and Andreas Ernst* A regional, spatially explicit agent-based model of individual acceptance of climate change adaptation measures	

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	15:00 - 15:20		*Iris Lorscheid and Klaus G Troitzsch* How do agents learn to behave normatively? machine learning concepts for norm learning in the EMIL project	*Pablo Lucas* Usefulness of simulating social phenomena: Evidence	
Coffee Break	15:20 - 15:40	**Lecture Theatre Lower Concourse**			
			Social Norms **Chair: Martin Neumann**	**Policy Modelling** **Chair: Andreas Ernst**	
Parallel	15:40 - 16:00		*Rosaria Conte, Giulia Andrighetto and Marco Campenni* On norm internalization. A position paper	*Richard Taylor* Mapping actor-oriented methods to adaptation outcomes: A case study of community-based validation in Sekhukhune	
	16:00 - 16:20		*Rainer Hegselmann and Oliver Will* Modelling Hume's moral and political theory	*Eunate Mayor, Luis Izquierdo and Giovanni Sartor* Nice and nasty lawyers, is the legal system to blame? agent-based simulation insights	
	16:20 - 16:40		*Juliette Rouchier and Alan Kirman* Moscow kiosks: sellers discovering about markets	*Ichiro Takahashi and Isamu Okada* An agent-based model of business cycle	

		Lecture Theatre B	
	Andreas Koch	The role of social space in segregation processes
	Edoardo Pignotti, Gary Polhill and Peter Edwards	Using a Virtual Machine Environment to Support Simulations on the Grid
	Valery Makarov and Albert Bakhtizin	How Public Goods can generate regional structure: simulations on the agent-based model
	Victor Istratov	Agent-based model of human behavior: does similarity count?
	Eric Malmi, Juha Raitio and Timo Honkela	Modeling Recommendations with an Agent-Based Social Simulation Framework
	Pedro Ribeiro de Andrade, Antonio Miguel Vieira Monteiro, Gilberto Camara and Tiago Garcia de Senna Carneiro	An Architecture for Agent-based Modelling and Simulation of Geospatial Phenomena
	Andreas Ernst, Friedrich Krebs, Michael Elbers, Sascha Holzhauer and Daniel Klemm	LARA: A Lightweight Architecture for boundedly Rational citizen Agents
Posters	Tom Backer Johnsen	Agent-based Simulation of Structural Balance
(16:50 - 17:50)	Sebastiano Delre and Skander Essegaier	The effects of brand equity on price strategies: an agent based model
	J. (Hans) de Haan	Building a Model on Pillars
	Iman Sharif and William Teahan	Avatars in the Stock Market
	Matthias Meyer, Iris Lorscheid, Michael A. Zaggl and Klaus G. Troitzsch	Measuring and Visualizing the Development of Social Simulation and Related Fields

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		Lieselot Vanhaverbeke and Frank Plastria	Consumer spatial behaviour in retail location models: an ABMS approach		
		Claudio Cioffi-Revilla and Hoda Osman	A Theoretical Model of Individual Radicalization: Understanding Complexity in Terrorism and Insurgency		
		Omar Guerrero	The Evolution Of Bribery		
		Narine Udumyan	Dealing with environmental issues in economics		
		Eric Malmi, Juha Raitio and Timo Honkela	Modeling Practice Diffusion with an Agent-Based Social Simulation Framework		
		Luna De Ferrari, Stuart Aitken, Jano van Hemert and Igor Goryanin	A model of social collaboration in Molecular Biology knowledge bases		
		Nick Gotts	Policy-Relevant Agent-Based Modelling in the GILDED Project		
		Gregory Carslaw, J. Christian and D. Heinke	An Agent Based Approach to Understanding Social Exclusion		
		Elio Marchione and Mauricio Salgado	Social Synthesis		
Wine Reception Sponsored by ASSYST	18:00 - 19:30	**Roots Bar**			
SIG get-togethers	19:00 - late				
	Wednesday 16th September				
Keynote	**09:00-10:30**	*Jim Doran* Does ABSS need Cognitive Agents that are Multiple Agent Systems?	**Chair: Bruce Edmonds**		
Coffee Break	10:30 - 11:00	**Lecture Theatre Lower Concourse**			
Plenary	11:00 - 11:30	*Giangiacomo Bravo* The evolution of institutions for commons management: An agent-based model	**Chair: Klaus G. Troitzsch**		
	11:30 - 12:00	*Wolfgang Radax and Bernhard Rengs* Replication of the Demographic Prisoner's Dilemma			
	12:00 - 12:30	*Claudio Cioffi-Revilla and Mark Rouleau* MASON RebeLand: An agent-based model of politics, environment, and insurgency			
	12:30 - 13:00	*Alex Smajgl and Geoff Carlin* Agent-based policy assessment in Indonesia: Poverty, energy and forests			
Lunch	13:00 - 14:00	**Hillside Restaurant**			

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			Social Conflict **Chair: Armando Geller**	**General** **Chair: David Hales**	
Parallel	14:00 - 14:20		*André Martins and Cleber Kuba* The Importance of Disagreeing: Contrarians and Extremism in the CODA model	*Flávia Feitosa, Quang Bao Le and Paul Vlek* MASUS: A Multi-Agent Simulator for Urban Segregation	
	14:20 - 14:40		*Georg Mueller* Microsimulation of Virtual Encounters: A New Methodology for the Analysis of Socio-Cultural Cleavages	*Christopher Watts and Stewart Robinson* Energisers, Boundary Spanners and the Knowing-Doing Gap	
	14:40 - 15:00		*Claudio Juan Tessone and Michael König* Social network evolution based on agent centrality	*Thomas Béline and Jean-Daniel Kant* An Opinion Dynamics Model Using Attitudes on Individuals	
Coffee Break	15:00 - 15:30	**Lecture Theatre Lower Concourse**			
Excursions	15:30 - 18:30				
	Thursday 17th September				
Keynote	09:00-10:30	*Mark Bedau*	**Chair: Bruce Edmonds**		
Coffee Break	10:30 - 11:00	**Lecture Theatre Lower Concourse**			
Plenary	11:00 - 11:30	*Robert Tobias and Thomas Buchsbaum* The Effectiveness of Reminders: Testing the Adequacy of a Prospective-Memory Model Based on Dynamic Field Data	**Chair: Paul Ormerod**		
	11:30 - 12:00	*Chao Yang, Toru Takahashi, Bin Jiang, Takashi Yamada, Isao Ono, Setsuya Kurahashi and Takao Terano* A Grid-Oriented Social Simulation Framework for Large Scale Agent-Based Modeling			
	12:00 - 12:30	*Isamu Okada and Hitoshi Yamamoto* Effect of online word-of-mouth communication on buying behavior in agent-based simulation			
Lunch	12:30 - 14:00	**Hillside Restaurant**			

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		Methods, Algorithms and Data **Chair: Laszlo Gulyas**	**Rich Cognitive Models** **Chair: Virginia Dignum**	**Societal Transitions** **Chair: Frederic Amblard**	
Parallel	14:00 - 14:20	*Samer Hassan, Rubén Fuentes-Fernández, José M. Galán, Adolfo López-Paredes and Juan Pavon* Reducing the modeling gap: On the use of metamodels in agent-based simulation	*John Tranier, Virginia Dignum and Frank Dignum* A multi-agent simulation framework for the study of Intermediation	*Mehdi Saqalli, Bruno Gérard, Defourny Pierre and Bielders Charles* Testing social-driven forces on the evolution of Niger Sahelian rural farming socio-systems: A combined agent-based modelling and anthropological approach information	
	14:20 - 14:40	*David J. Poza Garcia, Félix Villafáñez Cardeñoso, Javier Pajares Gutiérrez, Adolfo López-Paredes and Cesareo Hernández* New insights on the Emergence of Classes Model	*Roman Seidl, Andreas Ernst and Daniel Klemm* Sustainability indicators and scenarios: simulating the public's psychological response to climate related risks	*Gonenc Yucel* Challenges in Niche Management Strategies for Transitions in Socio-technical Systems	
	14:40 - 15:00	*Stephan Schuster* An algorithm for the simulation of bounded rational agents	*Piter Dykstra, Corinna Elsenbroich, Wander Jager, Gerard Renardel de Lavalette and Rineke Verbrugge* A dialogical logic-based simulation architecture for social agents and the emergence of extremist behaviour	*Emile Chappin and Petra Heijnen* Analyzing simulations of energy transitions: Towards a dynamic path approach	
	15:00 - 15:20	*Riccardo Boero, Giangiacomo Bravo and Flaminio Squazzoni* An experimental data-driven social simulation model on trust	*Shah Jamal Alam, Armando Geller, Ruth Meyer and Bogdan Werth* Social Connectedness in Tzintzuntzan: Notes on Contextualized Reasoning in Complex Systems	*Oscar van Vliet and Wander Jager* Agent-based simulation of adoption of alternative fuels	
Coffee Break	15:20 - 15:40	Lecture Theatre Lower Concourse			
			Social Conflict **Chair: Iqbal Adjali**	**Market Dynamics** **Chair: Wander Jager**	
Parallel	15:40 - 16:00		*Armando Geller, Maksim Tsvetovat and Anamaria Berea* On culturally contextualized models of conflict: An evidence-driven perspective	*Setsuya Kurahashi and Masato Ohori* An Analysis of GreenHouse Gases Trading System: An Agent-Based Approach	
	16:00 - 16:20		*Armando Geller, Martin Neuman, Armano Srbljinovic, Nanda Wijermans and Frédéric Amblard* A meta-analysis of social conflict: The social simulation comprehensive approach	*Nick Gotts* ABMED: A Prototype Agent-Based Model of Energy Demand	

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	16:20 - 16:40		*Maksim Tsvetovat, Claudio Cioffi-Revilla, Anamaria Berea and Armando Geller* Ecology in Agent-Based Modeling of Conflict		
Seminars and Demonstrations	16:50 - 18:50	*Ken Kahn and others* *Oxford University* Modelling4All: Supporting non-programmers in composing agent-based models in a Web 2.0 community	*Ulf Lotzmann and others* *University of Koblenz-Landau* An introduction to normative agents	*Armando Geller* *George Mason University* Qualitatively informed agent-based models: Problems and ideas to solve them	*Edmund Chattoe-Brown and Nigel Gilbert* *(SIMIAN http://www.simian.ac.uk)* Teaching social simulation
ESSA Management Committee Meeting	16:50 - 18:50	**(Restricted)** **41 AD 03**			
Conference Dinner	19:00 - 21:00	**Lakeside Restaurant**			
	Friday 18th September				
			Social Processes of Science **Chair: Petra Ahrweiler**	**Market Dynamics** **Chair: Cesareo Hernandez**	
Parallel	9:00 - 9:20		*André Martins* Modelling scientific agents for a better science	*Abhijit Sengupta and Stephen E. Glavin* Volatility in the consumer packaged goods industry: A simulation based study	
	9:20 - 9:40		*Luna De Ferrari, Stuart Aitken, Jano van Hemert and Igor Goryanin* A model of social collaboration in Molecular Biology knowledge bases	*Abhijit Sengupta and Danica Vukadinovic Greetham* Dynamics of brand competition: Effects of unobserved social networks	
	9:40 - 10:00		*Mamadou Konte* Interacting Agent Based Models and Random Coefficient Auto-regressive Models	*Wander Jager and Marco Janssen* Dynamic pricing in complex behaving consumer markets	
	10:00 - 10:20		*Matthias Meyer, Michael Zaggl and Kathleen Carley* The Development of Computational Modeling on the Other Side of the Atlantic: A Citation and Co-citation Analysis of CMOT	*Jim Duggan* Growth and Underinvestment: The Impact of Reactive Capital Acquisition Strategies on Market Share	
Coffee Break	10:30 - 11:00	**Lecture Theatre Lower Concourse**			

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Plenary	11:00 - 11:30	*Ramon Scholz, Terhi Nokkala, Andreas Pyka, Petra Ahrweiler and Nigel Gilbert* Simulating European Union R&D policy - Knowledge dynamics in EU-funded Innovation Networks		**Chair: Takao Terano**	
	11:30 - 12:00	*Alexander Bentley, Paul Omerod and Michael Batty* A general, evolutionary model of long tailed distributions in the social sciences			
Conference Closing	12:00 - 12:30	*Have a Safe Journey Home!*			