

# Social Simulation Conference 2019

**B** Break   **E** Event   **R** Registration   **N** Round Table   **W** Workshop

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## SEPTEMBER 23 • MONDAY

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09:30 – 10:00	R	<b>Registration</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:00 – 10:30	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:30 – 12:30	W	<b>Cognitive NetLogo Modules</b>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:30 – 12:30	W	<b>High performance distributed agent-based simulation modeling in the Julia programming language</b>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:15 – 16:30	E	<b>PhD Colloquium</b> <i>Moderators: Demian Frank, Michelle D. Haurand</i>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:30 – 13:30	B	<b>Lunch</b>	Central University Canteen (Staudingerweg 21, 55128 Mainz, Deutschland)
13:30 – 15:00	W	<b>Qual2Rule</b>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
15:00 – 15:30	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
15:30 – 16:30	W	<b>NetLogo Plug-in for data provenance</b>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
17:00 – 18:30	N	<b>AI@JGU: Interdisciplinarity in university-wide AI initiatives is imperative – and difficult</b> <i>Speakers: Petra Ahrweiler, Christoph Bläsi, Stefan Kramer, Simone Ohlemann</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)

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# Social Simulation Conference 2019

**B** Break   **E** Event   **K** Keynote   **R** Registration

**S** ST: Agent-based modelling of socio-economic challenges of the energy transition   **T** ST: Artificial sociality   **A** ST: ESSA@work

**L** ST: Modelling social/cognitive aspects in social-ecological systems

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## SEPTEMBER 24 • TUESDAY

08:30 – 09:00	R	<b>Registration</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
09:00 – 10:30	K	<b>Welcome / Agent-Based Modeling from Playground to Planet: Applications to Policy</b> <i>Speakers: Joshua Epstein</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:30 – 11:00	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
11:00 – 11:30	S	<b>Improving actors' rational mobility behaviour and investment towards engagement in German energy transition</b> <i>Speakers: Mohammad Ahanchian</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:00 – 11:30	A	<b>Gadgets for Grandpa: Toward Simulating the Diffusion of Smart Services among the Elderly</b> <i>Speakers: Michelle D. Haurand</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:00 – 11:30	L	<b>Coupling agent-based modeling and Bayesian networks to study natural resource use and human migration in the Ethiopian highlands</b> <i>Speakers: Jule Thober</i>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:10 – 11:40	T	<b>Belief persistence, stress, and shared reality: An agent-based model</b> <i>Speakers: Andrew Reilly</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:30 – 11:50	S	<b>Decentralised Electricity Markets And Proactive Customer Behaviour</b> <i>Speakers: Jens Maiwald</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:30 – 12:00	A	<b>Are we done yet? or when is our model perfect (enough)?</b>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:30 – 12:00	L	<b>Critical Mistakes: Simulating Cognitive Workload of Emergency Response Teams</b> <i>Speakers: Jan Ole Berndt</i>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:40 – 12:10	T	<b>Modeling the Culture of Online Collaborative Groups with Affect Control Theory</b>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:50 – 12:20	S	<b>A survey on the use of machine learning in agent-based models of energy markets</b>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:00 – 12:15	L	<b>Effects of social and behavioral norms on water quality trading participation</b> <i>Speakers: Christopher Ruebeck</i>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:10 – 12:25	T	<b>Management of obfuscation-based decision making in a coalition</b> <i>Speakers: Nicolas Cointe</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:15 – 12:30	L	<b>Exploring the Role of Social Characteristics in Sustaining Groundwater Systems: An Agent-Based Model</b>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:30 – 13:30	B	<b>Lunch</b>	Central University Canteen (Staudingerweg 21, 55128 Mainz, Deutschland)
13:30 – 13:50	S	<b>An agent-based model of innovation diffusion: a behavioral economic approach</b> <i>Speakers: Giulia Chersoni</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
13:30 – 14:00	T	<b>Towards fundamental models of radicalization</b> <i>Speakers: Mijke van den Hurk</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
13:30 – 14:00	A	<b>An agent-based model to explore lock-ins in transitions to sustainable food provision systems</b> <i>Speakers: Julien Vastenaekels</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
13:30 – 14:00	L	<b>Coupling agent-based models and argumentation framework to simulate opinion dynamics: application to vegetarian diet diffusion</b>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)

13:50 – 14:20	S	<b>EMLab-Consumer – Simulating Energy Efficiency Adoption Decisions of European Households</b> GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:00 – 14:15	L	<b>Gossip and reputation for reducing social uncertainty and promoting collective sustainable resource use</b> <i>Speakers: Nanda Wijermans</i> GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:00 – 14:30	T	<b>Towards an Understanding of Opinion Formation on the Internet - Using a Latent Process Model to Understand the Spread of Information on Social Media</b> GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: Laura Burbach André Calero Valdez</i>
14:00 – 14:30	A	<b>Simulating Innovation Networks of Lithium Batteries as Key Technologies in German Energy Transition</b> <i>Speakers: Bert Droste-Franke</i> Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
14:15 – 14:30	L	<b>A social-ecological model using theory of planned behaviour to analyse water quality management</b> <i>Speakers: Amélie Bourceret</i> GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:20 – 14:50	S	<b>Feedback and interventions for changing end-user behavior in smart grids. An application of the model of frame selection</b> GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: Fabian Adelt, Sebastian Hoffmann</i>
14:30 – 14:45	T	<b>A Study of Group Formation Using Agent-based Modeling</b> GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: Lucy McGowan</i>
14:45 – 15:00	T	<b>Integrating CAFCA - a lens to interpret social phenomena</b> GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: Corinna Elsenbroich, Harko Verhagen</i>
15:00 – 15:30	B	<b>Coffee Break</b> Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
15:30 – 15:50	S	<b>Enhancing reproducibility through a common framework for ABMS</b> <i>Speakers: Ulrich Frey</i> GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
15:30 – 16:00	T	<b>Agent-based Simulation of Policies to Reconnect a City and the Countryside</b> GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: Gert Jan Hofstede</i>
15:30 – 16:00	A	<b>Open and Integrative Modelling in Energy System Transitions - Conceptual Discussion about Framework Design Requirements and Features</b> Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland) <i>Speakers: Geo Kocheril</i>
15:30 – 16:00	L	<b>Using Agent-based Simulation to Discern Habitual Theories</b> <i>Speakers: Rijk Mercur</i> GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
15:50 – 16:10	S	<b>The unbalances in well-being caused by the energy transition: ABM and scenario discovery</b> <i>Speakers: Tristan de Wildt</i> GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
16:00 – 16:30	T	<b>InCREDulity in Artificial Societies</b> GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: Ivan Puga-Gonzalez</i>
16:00 – 16:30	A	<b>Endogenous changes in organizational culture through reflexivity</b> Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
16:00 – 16:30	L	<b>CEMMA: An interdisciplinary game for spatiotemporal common-pool resource management analysis</b> <i>Speakers: Garry Sotnik</i> GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
16:10 – 16:30	S	<b>An agent-based model of California's transition towards a carbon-free grid – The role of battery storage, electric vehicles and time-varying electricity pricing</b> GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: Marius Schwarz</i>
16:30 – 16:45	T	<b>How Does Social status In The Classroom Influence Classroom Community Formation? -Verification Using Multi-agent Simulation</b> GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
16:30 – 16:45	L	<b>Adaptive capacity of agro-food systems</b> GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland) <i>Speakers: George Van Voorn</i>
16:30 – 17:00	A	<b>MR POTATOHEAD: Property Market Edition—Development of a Common Description Template and Code Base for Agent-Based Land Market Models</b> Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland) <i>Speakers: Dawn Parker</i>
17:30 – 20:00	E	<b>Reception Evening Event with Open End</b> Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)

# Social Simulation Conference 2019

**B** Break    **E** Event    **K** Keynote    **R** Registration    **N** Round Table    **T** ST: Artificial sociality    **H** ST: Methods  
**L** ST: Modelling social/cognitive aspects in social-ecological systems    **P** ST: Policy modelling    **G** ST: Simulating mobility

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## SEPTEMBER 25 • WEDNESDAY

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08:30 – 09:00	R	<b>Registration</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
09:00 – 10:00	K	<b>Policy Models and Policy Making</b> <i>Speakers: Geoffrey Nigel Gilbert</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:00 – 10:30	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:30 – 11:00	H	<b>Iconic patterns in Agent-Based Modelling</b> <i>Speakers: Gert Jan Hofstede</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
10:30 – 11:00	L	<b>Complex interplay between inter-firm networks and technological knowledge landscapes - Insights from an agent-based simulation approach</b> <i>Speakers: Matthias Müller</i>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:30 – 11:00	P	<b>A Policy-oriented Agent-based Model of Recruitment into Organized Crime</b> <i>Speakers: Gian Maria Campedelli</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:45 – 11:15	G	<b>The effect of urban and rural mobility behaviour on congestion and emissions resulting from private motorized traffic</b> <i>Speakers: Simon Plakolb</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:00 – 11:15	H	<b>A Plea for Modelling Geographical Spaces – because they do not exist as such</b> <i>Speakers: Andreas Koch</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:00 – 11:30	L	<b>Conservation Areas as Network Components: Mechanism Designs for an Effective Conservation Scheme</b> <i>Speakers: Christopher Watts</i>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:00 – 11:30	P	<b>Can Agents Inform Policy Research? Exploring Enforcement Characteristics of an Organic Farming Certification Scheme</b> <i>Speakers: Christopher Frantz</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:15 – 11:30	H	<b>Peek over the fence - how to introduce students to Computational Social Sciences</b> <i>Speakers: Katarzyna Abramczuk</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:20 – 11:50	G	<b>An Exploratory Comparison of Behavioural Determinants in Mobility Modal Choices</b> <i>Speakers: Khoa Nguyen</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:30 – 11:45	H	<b>An online implementation of a virtual agent-based experiment tool - an exploration</b> <i>Speakers: Nanda Wijermans, Harko Verhagen</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:30 – 11:45	L	<b>The role of wealth inequality on collective action for management of common pool resource</b> <i>Speakers: Molood Ale Ebrahim Dehkordi</i>	GFG 02-731 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:30 – 12:00	P	<b>Social and Child Care Provision and Kinship Networks: an Agent-Based Model</b> <i>Speakers: Umberto Gostoli</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:45 – 12:15	H	<b>A NetLogo extension to secure data using GNUs Pretty Good Privacy software suite</b> <i>Speakers: Doug Salt</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
12:00 – 12:30	P	<b>Modelling social dynamics in communities using HUMAT</b>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:15 – 12:30	H	<b>aul: A Python package to export NetLogo runs in social media-friendly moving image formats</b> <i>Speakers: Patrick Steinmann</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
12:30 – 14:00	E	<b>Postersession with working Lunch</b>	Schule des Sehens (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
14:00 – 14:20	P	<b>POSA: Policy Implementation Sensitivity Analysis</b> <i>Speakers: Frederik Schaff</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)

14:00 – 14:30	H	<b>No free lunch when estimating simulation parameters</b> <i>Speakers: Ernesto Carrella</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
14:00 – 15:30	N	<b>Augmenting rigour and transparency of data use in agent-based modelling</b> <i>Speakers: Peer-Olaf Siebers, Melania Borit, Sebastian Achter, Edmund Chattoe-Brown</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
14:10 – 14:25	G	<b>Simulating social contexts in transport demand modelling</b> <i>Speakers: Lars Briem, Maike Puhe</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:20 – 14:50	P	<b>A Closer Look at Dutch Policy Development</b> <i>Speakers: Alexander Melchior</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:30 – 14:45	H	<b>A Toolbox Approach for Complexity Methods</b> <i>Speakers: Corinna Elsenbroich</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
14:30 – 14:45	G	<b>Simulating the adoption of electric vehicles under consideration of person-related variables</b> <i>Speakers: Jessica Berneiser, Charlotte Senkpiel</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:45 – 15:00	H	<b>The use of surrogate models to analyse ABMs</b> <i>Speakers: Guus ten Broeke</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
15:00 – 16:00	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
15:30 – 17:00	H	<b>Methods Workshop</b> <i>Speakers: Gary Polhill</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
15:35 – 15:50	G	<b>Testing optimization scenarios of cruise passenger land transportation using agent-based models</b> <i>Speakers: Jörg Rainer Noennig</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
15:55 – 16:10	T	<b>Analyzing the very-short-term dynamics of media effects on attitudes through agent-based simulation using a quasi-natural XML-based language</b> <i>Speakers: Dan Glikstein</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
15:55 – 16:25	G	<b>Simulating governance of complex transportation systems</b> <i>Speakers: Kay Cepera, Julius Konrad</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
16:00 – 17:30	N	<b>Modeling With Policy Professionals: Debating Best Practices</b> <i>Speakers: Petra Ahrweiler, F. LeRon Shults, Geoffrey Nigel Gilbert, Joshua Epstein, Wesley J. Wildman, Erika Frydenlund</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
16:10 – 16:25	T	<b>Combining Crowd Sensing and Social Data Mining with Agent-based Simulation using Mobile Agents towards Augmented Virtuality</b> <i>Speakers: Stefan Bosse</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
18:00 – 19:00	E	<b>ESSA Assembly</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)

# Social Simulation Conference 2019

**B** Break   **E** Event   **K** Keynote   **R** Registration   **M** ST: Computational organisation theory   **D** ST: Demography

**P** ST: Policy modelling   **V** ST: Tackling climate change: eco-oriented behaviors and economic policies

**U** ST: Values norms and salience: Modelling socio-economic behavior

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## SEPTEMBER 26 • THURSDAY

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08:30 – 09:00	R	<b>Registration</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
09:00 – 10:00	K	<b>How inclusive social infrastructures integrate diverse expertise to cultivate the curiosity of cities</b> <i>Speakers: Erik Johnston</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:00 – 10:30	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:30 – 10:45	P	<b>Healthy snacks from Mom? an Agent-Based Model reflecting a survey in three countries</b> <i>Speakers: Gert Jan Hofstede, Eduardo Franco</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:30 – 10:50	U	<b>A socioeconomic simulation of agents competing to belong and working to pay for it</b> <i>Speakers: Dimitry Rtischev</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
10:30 – 11:00	D	<b>Computational Demography of Religion: A Proposal</b> <i>Speakers: F. LeRon Shults, Wesley J. Wildman</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:30 – 11:00	V	<b>A model of indirect losses of negatives shocks in production and finance</b> <i>Speakers: Hazem Krichene</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:50 – 11:05	P	<b>A multi-purpose agent-based model of the healthcare system</b> <i>Speakers: Florian Chávez-Juárez</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:50 – 11:25	U	<b>Agent based model of cross media reach of advertising</b> <i>Speakers: Michal Kot</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:00 – 11:15	D	<b>Economical Dependency Evolution and Complexity</b> <i>Speakers: Mamadou Bouso</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:00 – 11:30	V	<b>No land for old men: agriLOWE, an evolutionary approach to agriculture and climate change</b> <i>Speakers: Matteo Coronese</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:15 – 11:45	P	<b>On three ethical aspects involved in using agent-based social simulation for policy-making</b> <i>Speakers: Pablo Noriega</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:25 – 11:45	U	<b>Social identity in agent-based models – exploring the state of the art</b> <i>Speakers: Geeske Scholz</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:30 – 12:00	V	<b>Heterogeneity and Eco-Innovation Diffusion: An ABM Approach</b> <i>Speakers: Florian Lewalder</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:45 – 12:05	U	<b>Linking Economic Performance to Values</b> <i>Speakers: Frederik Schaff</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:50 – 12:20	P	<b>The Turn to Policy in Agent-based Computational Social Science: What does it Entail?</b> <i>Speakers: David Anzola</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:00 – 12:15	V	<b>Income inequality and climate change: channels of propagation and economic policies</b>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:05 – 12:25	U	<b>Sanction recognition: An agent-based model of reasoning on aggression</b> <i>Speakers: Martin Neumann</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
12:30 – 13:30	B	<b>Lunch</b>	Central University Canteen (Staudingerweg 21, 55128 Mainz, Deutschland)
13:30 – 13:45	P	<b>Fraud detection and compliance – analyzing stability of social security systems with ABM</b> <i>Speakers: Fredrik Cullberg Jansson</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)

13:30 – 14:00	M	<b>Drug Trafficking as Illegal Supply Chain - A Social Simulation</b> <i>Speakers: Maarten Jensen</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
13:30 – 14:00	V	<b>Social Norms and the Threat of Climate Change: An Agent-Based Model to investigate Pro-Environmental Behaviour</b> <i>Speakers: Marie L. Kapeller</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
13:30 – 14:05	U	<b>Can gossips enhance or destroy group hierarchies?</b> <i>Speakers: Guillaume Deffuant</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
13:50 – 14:20	P	<b>Using ABMs for prediction: Two thought experiments and a workshop</b> <i>Speakers: Gary Polhill</i>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:00 – 14:15	M	<b>Simulation Model of Financial Flows of an Industrial Enterprise</b> <i>Speakers: Aleksandra Mashkova</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:00 – 14:30	V	<b>Creating a model of the Earth System (MOTES): some experiences with parallel ABM</b> <i>Speakers: Mike Bithell</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:05 – 14:25	U	<b>Alternative approaches to operationalize qualitative behavioral concepts in a formal model</b> <i>Speakers: Hannah Muelder</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
14:15 – 14:30	M	<b>Influences of Faultlines on Organizational Performance</b> <i>Speakers: Fumiko Kumada</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:20 – 15:00	P	<b>Open Discussion on Policy Modelling</b>	GFG 02-611 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:25 – 15:00	U	<b>Endogenous trading venue selection.</b> <i>Speakers: Marcin Czupryna</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
14:30 – 14:45	M	<b>Agent-based model and empirical data integration in architectural design methodology for corporate offices</b> <i>Speakers: Soungmin Yu</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
14:30 – 14:45	V	<b>Innovation and lobbying in a Cournot competition Agent-Based model</b> <i>Speakers: Silvia Leoni</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
15:00 – 15:30	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
15:30 – 17:00	E	<b>Fishbowl on Demography</b> <i>Speakers: Jörg Rainer Noennig, Veronika Cummings, Bernhard Köppen, Petra Ahrweiler, Gert Jan Hofstede</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
19:00 – 01:00	E	<b>Conference Dinner with Open End</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)

# Social Simulation Conference 2019

**B** Break   **E** Event   **K** Keynote   **R** Registration   **C** ST: City Life   **Y** ST: SP2S: Synthetic population in social simulation

**V** ST: Tackling climate change: eco-oriented behaviors and economic policies

**Q** ST: Using qualitative data to inform behavioral rules in agent-based models

**U** ST: Values norms and salience: Modelling socio-economic behavior

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## SEPTEMBER 27 • FRIDAY

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08:30 – 09:00	R	<b>Registration</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
09:00 – 10:00	K	<b>Modelling for policy: It's the sociality, stupid!</b> <i>Speakers: Gert Jan Hofstede</i>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:00 – 10:30	B	<b>Coffee Break</b>	Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)
10:30 – 10:50	C	<b>Conceptual framework for modeling complex urban systems – from theoretical assumptions to empirical basis</b> <i>Speakers: Marcin Wozniak</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:30 – 11:00	Y	<b>A brief review of synthetic population generation practices in agent-based social simulation</b> <i>Speakers: Kevin Chapuis</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
10:30 – 11:10	U	<b>Could a belief in the afterlife support the evolution of cooperation?</b> <i>Speakers: Gary Polhill</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
10:50 – 11:30	C	<b>Adapting the Social Force Model for Low Density Crowds in Open Environments</b> <i>Speakers: Manon Prédhumeau</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:00 – 11:15	Y	<b>Generating Synthetic Population for the Agent-Based Model of the Russian Federation Spatial Development</b> <i>Speakers: Aleksandra Mashkova</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:15 – 11:45	Y	<b>Gen*: an integrated tool for realistic agent population synthesis</b> <i>Speakers: Kevin Chapuis</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:30 – 11:50	C	<b>Urbanization from the bottom-up</b> <i>Speakers: Victor Peña-Guillen</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
11:30 – 12:00	Q	<b>Un Drôle De Type: The Schelling Model, Calibration, Specification, Validation and Using Relevant Data</b> <i>Speakers: Victor Peña-Guillen</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
11:45 – 12:00	Y	<b>Towards the evolution of synthetic population evolution in continuous time</b> <i>Speakers: Johan Barthelemy</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:00 – 12:15	Q	<b>Animal farm - species of a different kind flock together</b> <i>Speakers: Nanda Wijermans, Harko Verhagen</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
12:00 – 12:30	Y	<b>Using Mobility Profiles for Synthetic Population Generation</b> <i>Speakers: Alperen Bektas</i>	GFG 02-741 (Jakob-Welder-Weg 16, Mainz, Deutschland)
12:15 – 12:30	Q	<b>First Steps Towards RAT: A Protocol for Documenting Data Use in the Agent-Based Modeling Process</b> <i>Speakers: Peer-Olaf Siebers</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
12:30 – 13:30	B	<b>Lunch</b>	Central University Canteen (Staudingerweg 21, 55128 Mainz, Deutschland)
13:30 – 13:45	V	<b>Assessing A Personal Carbon Trading Scheme With An Agent-Based Model</b> <i>Speakers: Roman Seidl</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)
13:30 – 14:00	Q	<b>Building a bridge from qualitative analysis to a simulation of the Arab Spring protests</b> <i>Speakers: Bruce Edmonds, Stephanie Dornschneider</i>	Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)
13:45 – 14:00	V	<b>Agent-based model of actor negotiation behavior for exploring economic robustness of Industrial Symbiosis</b> <i>Speakers: Kasper Lange</i>	GFG 02-601 (Jakob-Welder-Weg 16, Mainz, Deutschland)



14:00 – 14:15

**Q Participatory Agent-Based Modelling for Flood Risk Insurance**

*Speakers: Sara Mehryar*

Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)

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14:15 – 14:30

**Q Building a data-driven model of peer review: the case of Science Foundation Ireland**

*Speakers: Thomas Feliciani*

Philosophicum, P10 (Jakob-Welder-Weg 18, Mainz, Deutschland)

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15:00 – 16:00

**E Closing remarks / final plenary**

Philosophicum, P1 (Jakob-Welder-Weg 18, 55128 Mainz, Deutschland)

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