

Date: Sunday, 05/09/2010

4:00pm - 7:30pm	WELCOME Welcome to Kassel!
7:30pm - 11:00pm	SOCIAL-01: Get Together Informal <i>Get Together</i> for all those who are in Kassel already Bolero Bar - Schoene Aussicht 1a - 34117 Kassel (opposite the Brothers' Grimm House)

Date: Monday, 06/09/2010

8:00am - 9:00am 1120a	Registration opens Registration desk will be open every day (8:30 a.m. - 4 p.m.)
9:00am - 10:30am HS 0117	Opening Ceremony Program details on the speakers will follow
9:00am - 4:00pm	REG-Monday: Registration and Information Desk
10:00am - 10:30am HS 0117	PC: Press Conference Session Chair: Andreas Ernst
10:30am - 11:00am Foyer	Coffee Break
11:00am - 12:30pm HS 0117	KEYNOTE-01: Keynote
12:30pm - 2:00pm	Lunch Break
2:00pm - 3:30pm	SES-01_I: Simulation Experiment Software 172: Mahr, Tamas ; Bocsi, Rajmund; Gulyas, Laszlo: <i>Simulation as a Service: The Model Exploration Service</i> 205: Hannappel, Marc ; Bauschke, Simone: <i>Projecting the level of education of German students. Building a microsimulation model with CoMICS II</i> 207: Tanuma, Hideki ; Ichikawa, Manabu; Deguchi, Hiroshi: <i>SOARS: A New Paradigm of Agent Based Social Simulation</i>
2:00pm - 3:30pm	SES-01_II: Social Networks and their Dynamics I 110: Ronald, Nicole ; Ma, Huiye; Arentze, Theo; Timmermans, Harry: <i>Incorporating power into joint social activity generation</i> 122: Van Eck, Peter ; Jager, Wander: <i>Social Network Structures in Agent Based Modeling: Finding an Optimal Structure Based on Survey Data (or Finding the Network That Does Not Exist)</i> 200: Mizuno, Makoto : <i>The Effects of Valence of Word-of-Mouth and Its Propagation by Non-Adopters on New Product Diffusion: An Agent-based Approach</i>
2:00pm - 3:30pm	SES-01_III: Methods, Algorithms, and Data I: Qualitative Modeling 144: Schenk, Tilman A. : <i>Inductive Modeling: Building Simulations from Qualitative Material</i> 215: Geller, Armando ; Goolsby, Rebecca; Hoffer, Lee D.: <i>On Qualitative Data in Agent-Based Models</i> 224: Neumann, Kai : <i>Advances of qualitative modeling: How the roughly weighted connections of qualitative models can be transformed into relative quantitative system dynamics models shown by an example of a HR project of the Munich Airport</i>
3:30pm - 4:00pm	Coffee Break

Foyer

4:00pm - 5:45pm	SES-02: Poster Session
6:00pm - 7:30pm	ESSA Management Committee Meeting

Date: Tuesday, 07/09/2010

8:30am - 4:00pm	REG-Tuesday: Registration and Information Desk
9:00am - 10:30am	<p>SES-03_I: Programming Computational Frameworks</p> <p>179: Huigen, Marco; Smajgl, Alex; Brown, Daniel; Valbuena, Diego: <i>Towards a framework for empirical characterisation of human behaviour in agent-based models</i></p> <p>180: Hofmann, Solveig; Balzer, Wolfgang; Brendel, Karl R.: <i>A Simple Frame for Artificial Societies</i></p> <p>194: Hennicker, Rolf; Janisch, Stephana; Ludwig, Matthias: <i>Agent-Based Social Simulation within a Generic Framework for Environmental Modelling</i></p>
9:00am - 10:30am	<p>SES-03_II: Social Complexity</p> <p>163: Kahl, Cara H.; Hansen, Hans: <i>Modeling Creativity from a Systems Perspective: CRESY-I</i></p> <p>186: Guerrero, Omar A.; Axtell, Robert L.: <i>Scaling and Complexity of Labor Markets: evidence from Mexican labor micro-data</i></p> <p>202: Dignum, Virginia; Dignum, Frank: <i>Towards agent based social simulation as tool for sustainable development</i></p>
9:00am - 10:30am	<p>SES-03_III: Methods, Algorithms, and Data II</p> <p>151: Dykstra, Piter; Elsenbroich, Corinna; Jager, Wander; Renardel de Lavalette, Gerard; Verbrugge, Rineke: <i>A Logic-based Architecture for Opinion Dynamics</i></p> <p>161: Nakada, Tomohiro; Takadama, Keiki; Watanabe, Shigeyoshi: <i>Classification of Price Fluctuation using Bayesian Analysis Method in U-Mart</i></p> <p>206: Tobias, Robert; Buchsbaum, Thomas: <i>Effects of basic decisions in the design and analysis of the model of prospective memory and habit development</i></p>
10:30am - 11:00am Foyer	Coffee Break
11:00am - 12:30pm	<p>SES-04_I: Integrated Social/Physical Modeling for Environmental Policy</p> <p>118: Bravo, Giangiacomo; Busso, Sandro: <i>Spatially-based estimations of demographic trends using agent-based modeling</i></p> <p>170: Zhang, Tao; Siebers, Peer-Olaf; Aickelin, Uwe: <i>Modelling Office Energy Consumption: An Agent Based Approach</i></p> <p>228: Elbers, Michael; Kuhn, Silke; Klemm, Daniel; Ernst, Andreas: <i>Domestic water use under social and climatic change: Projections of a coupled spatial simulation system</i></p>
11:00am - 12:30pm	<p>SES-04_II: Role Playing Games and Social Simulation</p> <p>136: Ogawa, Yuki; Yamamoto, Hitoshi; Okada, Isamu; Suwa, Hirohiko; Ohta, Toshizumi: <i>Agent-Based Model of Q&A Community for Effective Pecuniary Payback System</i></p> <p>181: Trusiano, Francesco: <i>An Evolutionary Model of the Traveler's Dilemma</i></p> <p>212: Dubois, Emmanuel; Barreteau, Olivier; Souchère, Véronique: <i>What's Going on in a Role Playing Game? An Agent-Based Model to Explore Game Setting Effects on Attitude Change</i></p>
11:00am - 12:30pm	<p>SES-04_III: Emergence and Evolution of Institutions</p> <p>103: Janssen, Marco; Rollins, Nathan: <i>Evolution of Cooperation in Irrigation Games</i></p>

	<p>203: Yücel, Gönenç; van Daalen, Els: <i>Transition Ahead? A Simulation-based Analysis of the Dutch Electricity System</i></p> <p>183: Dewal, Snigdha; Wise, Sarah: <i>State Building as a Process of Political Entrepreneurship: An Agent Based Interpretation</i></p>
12:30pm - 2:00pm	Lunch Break
2:00pm - 3:30pm HS 0117	KEYNOTE-02: Keynote
3:30pm - 4:00pm Foyer	Coffee Break
4:00pm - 6:00pm	<p>SES-05_I: Modeling Spatial Aspects</p> <p>117: Koch, Andreas: <i>Analyzing patterns of social heterogeneity in segregation processes through the application of an agent-based modeling technique</i></p> <p>126: Rouly, Ovi Chris; Crooks, Andrew: <i>A prototype, multi-agent system for the study of the Peopling of the Western Hemisphere</i></p> <p>210: Patel, Amit V.: <i>Politics of Slum Formations: A Spatial Agent-based Modeling Approach</i></p> <p>232: Jiang, Bin: <i>Why People Migrate?</i></p>
4:00pm - 6:00pm	<p>SES-05_II: Social Simulation and Laboratory Experiments</p> <p>145: Chen, Shu-Heng; Tai, Chung-Ching; Yang, Lee-Xieng: <i>Agent-Based Modeling of Cognitive Double Auction Market Experiments</i></p> <p>189: Ushida, Yuya; Hattori, Kiyohiko; Takadama, Keiki: <i>Adaptive Agent Design in Highly-Dynamic Environment via Barnga Game</i></p> <p>190: Yamada, Takashi; Terano, Takao: <i>A simple strategy experiment in Barrow's "do-it-yourself lottery"</i></p> <p>195: Kobayashi, Tomomi; Takahashi, Satoshi; Kunigami, Masaaki; Yoshikawa, Atsushi; Terano, Takao: <i>Unifying Organizational Deviation and KAIZEN Activities - An Agent Based Model -</i></p>
4:00pm - 6:00pm	<p>SES-05_III: Social Conflict and Cooperation</p> <p>128: Rouly, Ovi Chris; Crooks, Andrew: <i>A prototype, multi-agent system for the study of the Peopling of the Western Hemisphere</i></p> <p>149: Ligtvoet, Andreas; Chappin, Emile J.L.; Stikkelman, Rob M.: <i>Modelling cooperative agents in infrastructure networks</i></p> <p>191: Gulden, Timothy Ronald: <i>Extending Kalyvas' Model of Selective Violence with Agents</i></p> <p>225: Tsvetovat, Maksim; Wise, Sarah: <i>Conflict and the Evolution of Social Structure</i></p>
7:30pm - 10:00pm	<p>SOCIAL-02: Congress Dinner</p> <p>Registration needed</p>

Date: Wednesday, 08/09/2010

8:30am - 4:00pm	REG-Wednesday: Registration and Information Desk
9:00am - 10:30am	<p>SES-06_I: Model Replication and Validation</p> <p>132: Kaminski, Bogumil: <i>Hypothesis Verification for Stochastic Simulation Models</i></p> <p>135: Radax, Wolfgang; Rengs, Bernhard: <i>Timing matters: Lessons From The CA Literature On Updating</i></p> <p>188: Smajgl, Alex; House, Alan; Butler, James: <i>Towards Validation through a Pattern Robustness Test</i></p>
9:00am - 10:30am	<p>SES-06_II: Resource Management and Environmental Practices</p> <p>107: Balbi, Stefano; Perez, Pascal; Giupponi, Carlo: <i>An Agent-Based Model to Explore Scenarios of Adaptation to Climate Change in an Alpine Tourism Destination</i></p> <p>221: Beckenbach, Frank; Voß, Norman: <i>Material flow dynamics in the automotive industry in Germany - an agent based approach</i></p> <p>223: Kennedy, William George; Hailegiorgis, Atesmachew B.; Rouleau, Mark; Bassett, Jeffrey K.; Coletti, Mark; Balan, Gabriel: <i>An Agent-Based Model of Conflict in East Africa and the Effect of the Privatization of Property</i></p>
9:00am - 10:30am	<p>SES-06_III: Economy and Market Dynamics I</p> <p>115: Ogibayashi, Shigeaki; Takashima, Kousei; Kunita, Takahiro: <i>Analysis of Business Cycle and Fund Circulation in Multi-Agent Simulation of an Artificial Economic System Composed of Consumers, Producers and a Bank</i></p> <p>237: Ormerod, Paul Andrew; Rosewell, Bridget; Wiltshire, Greg: <i>Assessing corporate credit defaults with an agent based model of decision making in a bank: an empirical example</i></p> <p>211: Ponsiglione, Cristina; Gilbert, Nigel: <i>Simulating Learning Networks in Industrial Districts</i></p>
10:30am - 11:00am Foyer	Coffee Break
11:00am - 12:30pm	<p>SES-07_I: Group Decisions and Collective Behaviour I</p> <p>143: Dal Forno, Arianna; Merlone, Ugo: <i>Bureaucratic hierarchies and social norms: caring and flexibility</i></p> <p>213: Suarez, Eugenio Dante; Castañón Puga, Manuel; Flores, Dora Luz; Rodríguez Díaz, Antonio; Castro, Juan Ramón; Gonzalez Fuentes, Mario: <i>A Multi-Layered Agency Analysis of Voting Models</i></p> <p>227: Osman, Hoda; Dewal, Snigdha: <i>The NY Model: An Interpretation of the Schelling Model for Ethnic Preferences and Socio-Economic Mobility</i></p>
11:00am - 12:30pm	<p>SES-07_II: Societal Transitions</p> <p>131: Holtz, Georg: <i>Modelling societal transitions – an appraisal of first experiences and propositions for future exercises</i></p>

	<p>154: Barcelo, Juan A.; Cuesta, Jose A; Del Castillo, Florencia; Galan, Jose M.; Mameli, Laura; Quesada, Miguel; Santos, Jose I.; Vila, Xavier: <i>Patagonian Ethnogenesis: towards a computational simulation approach</i></p> <p>231: Mori, Keiko: <i>Optimizing of Support measures for the New Graduate Employment Market using Reinforcement Learning</i></p>
11:00am - 12:30pm	<p>SES-07_III: Methods, Algorithms, and Data III</p> <p>165: Smajgl, Alex: <i>Large-scale empirical agent-based modelling through multi-model and mixed-resolution approach</i></p> <p>175: Rizi, Seyed; Latek, Maciej; Geller, Armando: <i>Protocols for Merging Remote Sensing Data and Population Surveys in Large Multiagent Empirically Based Models: The Case of the Afghan Drug Industry</i></p> <p>192: Hassan, Samer; Arroyo, Javier; Galán, José M.; Antunes, Luis; Pavón, Juan: <i>Asking the Oracle: Introducing Forecasting Principles into Agent-Based Modelling</i></p>
11:00am - 12:30pm	<p>SES-07_IV: Thematic Session: Culture in Social Simulation</p> <p>109: Pfau, Jens; Kirley, Michael; Kashima, Yoshihisa: <i>Globalization and Cultural Diversity</i></p> <p>112: Hofstede, Gert Jan: <i>Modelling _Homo biologicus_: an example in car purchasing</i></p> <p>226: Picascia, Stefano; Paolucci, Mario: <i>Diffusion of culture and the PageRank effect</i></p>
12:30pm - 2:00pm	Lunch Break
2:00pm - 3:30pm HS 0117	KEYNOTE-03: Keynote
3:30pm - 4:00pm Foyer	Coffee Break
4:00pm - 5:30pm	<p>SES-08_I: Policy Issues</p> <p>123: Fent, Thomas; Aparicio Diaz, Belinda; Prskawetz, Alexia: <i>Family Policies and low Fertility: How does the social network influence the Impact of Policies</i></p> <p>162: Bicking, Melanie; Troitzsch, Klaus G.; Wimmer, Maria A.: <i>Regulatory Impact Assessment: Modelling and Simulation to Facilitate Policy Choices</i></p> <p>178: Salgado, Mauricio; Marchione, Elio; Gill, Alastair: <i>The calm after the storm? Looting in the context of disasters</i></p>
4:00pm - 5:30pm	<p>SES-08_II: Social Norms & Information Dynamics I</p> <p>146: Krebs, Friedrich; Ernst, Andreas: <i>The interplay of social orientation and social conformity in neighbourhood support</i></p> <p>108: Jager, Wander: <i>Simulating social interaction in two dimensions: some ideas, data and measurement problems</i></p> <p>171: Banisch, Sven: <i>Unfreezing Social Dynamics: Synchronous Update and Dissimilation</i></p>
4:00pm - 5:30pm	<p>SES-08_III: Societal Processes of Science</p> <p>160: Chen, Shu-Heng; Yang, Yu-Hsiang: <i>Agent-Based Social Simulation: A Bibliometric Review</i></p>

173: **Polhill, Gary**; Galan-Diaz, Carlos; Gotts, Nicholas M.; Craig, Tony; Marshall, Keith; Sutherland, Lee-Ann; Kriel, Antoinette; Fischer, Anke: *The ODDness of modelling: early experiences from a transdisciplinary modelling exercise*
234: **Chattoe-Brown, Edmund**: *Is Simulating Forgetting Its History? Two Case Studies*

5:45pm - 8:00pm

SOCIAL-03: Excursions

Registration needed

Please register by sending an email

Date: Thursday, 09/09/2010

8:30am - 12:00pm	REG-Thursday: Registration and Information Desk
9:00am - 10:45am	<p>SES-09_I: Social Norms & Information Dynamics I</p> <p>113: Okada, Isamu; Yamamoto, Hitoshi: <i>Evolution of Conditionally Risk Behaviour</i></p> <p>129: Zaggl, Michael A.; Meyer, Matthias: <i>Social Norms in two-sided Principal-Agent Relations</i></p> <p>142: Yamamoto, Hitoshi; Okada, Isamu: <i>Vulnerability and Evolution of Cooperation in the Metanorms Game</i></p> <p>158: Quattrociocchi, Walter; Conte, Rosaria; Lodi, Elena: <i>Turning Information into Knowledge: The Role of Peer-to-Peer Communication</i></p>
9:00am - 10:45am	<p>SES-09_II: Social Networks and their Dynamics II</p> <p>111: Toriumi, Fujio; Ishii, Kenichiro: <i>Simulation of Encouragement Methods for SNS based on User Behavior Model</i></p> <p>193: Held, Fabian; Marks, Robert; Wilkinson, Ian; Young, Louise: <i>Exploring the Dynamics of Economic Networks - First Steps of a Research Project</i></p> <p>216: Greetham, Danica V.; Sengupta, Abhijit; Mayor, Eunata: <i>Effect of Peer Pressure on Individual Behaviour - Simulating the Case of Physical Activity</i></p> <p>204: Miquel Quesada, Francisco J.; León, Francisco; Alcaide, Vanessa: <i>A network-driven protocol simulation to analyse the production of step-level public goods</i></p>
9:00am - 10:45am	<p>SES-09_III: Group Decisions and Collective Behaviour II</p> <p>134: Geard, Nicholas; Noble, Jason: <i>Modelling academic research funding as a resource allocation problem</i></p> <p>139: Sakuma, Shinsuke; Goto, Yusuke; Takahashi, Shingo: <i>Analysis of Knowledge Retrieval Heuristics Considering Member's Load Balancing</i></p> <p>141: Zoethout, Kees: <i>When does a newcomer contribute to a better performance?</i></p> <p>199: Appel, Franziska; Ostermeyer, Arlette; Balmann, Alfons; Larsen, Karin: <i>The Impact of Farmers' Behaviour on the Development of the German Dairy Sector</i></p>
10:45am - 11:00am Foyer	Coffee Break
11:00am - 12:30pm	<p>SES-10_I: Innovation Diffusion</p> <p>152: Sopha, Bertha Maya; Klöckner, Christian A.; Hertwich, Edgar G.: <i>The Influence of the Social Network Structure on the Diffusion of Heating System in Norway</i></p> <p>208: Ohori, Kotaro; Takahashi, Shingo: <i>Scenario Analysis for New-product Development in Market with Lead Users' Innovations</i></p> <p>230: Rixen, Martin: <i>Simulation of Smart Metering diffusion in Germany</i></p>
11:00am - 12:30pm	<p>SES-10_II: Economy and Market Dynamics II</p> <p>137: Klingert, Frank; Meyer, Matthias: <i>Multi-Agent-Simulation of Prediction Markets: Does Manipulation Matter using Zero-Intelligence Traders?</i></p>

	155: Kamiński, Bogumił; Łatek, Maciej M; Jakubczyk, Michał : <i>Measuring the Impact of Workforce Sickness on Economic Output Controlling for Technology and Epidemiology</i> 153: Takahashi, Hiroshi ; Takahashi, Satoru; Terano, Takao: <i>Analyzing the influence of fundamental indexation on financial markets through agent-based modeling</i>
11:00am - 12:30pm	SES-10_III: Consumer Behaviour 102: Hayashi, Hisashi : <i>Evaluating In-Store Digital Signage by Agent-Based Simulation</i> 166: Soboll, Anja : <i>Agent-based modeling of consumer shopping behaviour: Along the paths of added benefit</i> 130: Afman, Maarten; Chappin, Emile ; Jager, Wander; Dijkema, Gerard: <i>Agent-Based Model of Transitions in Consumer Lighting</i>
12:30pm - 1:00pm	Congress Closing Have a safe journey home!
2:00pm - 4:00pm	TUTORIAL-SESSION: Tutorials