1st Münster Workshop on Agent-based Modeling

The interdisciplinary Research Training Group '*Trust and Communication in a Digitized World*' at the University of Münster [funded by the German Research Foundation (Deutsche Forschungsgemeinschaft)] is proud to announce a Workshop on Agent-based Modeling (ABM).

Workshop:	Thursday, **July 17, 2014,** from 10 a.m. to 6 p.m. Friday, **July 18, 2014,** from 9 a.m. to 1 p.m.
Venue:	Seminar Room Research Group, Geiststraße 24-26, 48151 Münster, Germany
Website:	http://www.uni-muenster.de/GK-Vertrauen-Kommunikation/en/abm-workshop/index.html

Agent-based Modeling (ABM) is a recent non-standard computational approach for simulating complex systems comprised of autonomous and interacting agents. Various research fields do use more and more frequently this computational approach, which is the so-called 'third way' of doing science, in addition to argumentation and formalization.

The Workshop is conducted by **László Gulyás**, Assistant Professor at the Department of History and Philosophy of Science, Eötvös Loránd University, Hungary. He is doing research on ABM since 1996. Since then László Gulyás led the development of the Multi-Agent Modeling Language (MAML) and he contributed to the design and development of the Recursive Porous Agent Simulation Toolkit (RePast), one of the leading agent-based simulation environments. The Workshop discusses ABM in general, together with methodological considerations of carrying out the computational approach. In addition, László Gulyás provides an introduction to practical (software) tools available to implement an agent-based research agenda. All topics are illustrated by many examples and participants have the opportunity to discuss open questions and issues related to their own research.

To take part in the Workshop, please communicate clearly your willingness of attendance by sending the following information to Daniel Westmattelmann via email to daniel.westmattelmann@wiwi.uni-muenster.de no later than **May 18, 2014**:

- Last Name / First Name
- University / Faculty / Chair / Academic Degree / PhD Program
- E-Mail Address
- Brief Information regarding your knowledge / experience with Agent-based Modeling

Notice of Acceptance is communicated no later than **May 31, 2014**. On the first day of the Workshop all participants have the opportunity to present their research ideas / research projects. If you are interested in discussing your project as well as getting scientific feedback and constructive criticism, please send us via email the following information about your project:

- Abstract (300-500 words) no later than **May 18, 2014**
- Full Paper / Extended Abstract no later than **June 15, 2014**

Discussants are allocated to paper presentations to stimulate the debate on your research project with László Gulyás and the audience. The following day, all participants have the opportunity to discuss their own research ideas in small groups and to receive scientific advice as well as constructive support by László Gulyás.

We look forward to receive your application and hope to see you soon in Münster!

Gerhard Schewe (WWU Münster) & **Sascha Hokamp** (BTU Cottbus-Senftenberg) *Workshop Organizers*