



Agent Based Modelling across Social Science, Economics, and Philosophy

October 21 – October 22, 2016

Bamberg University, Am Kranen 12 (known as „Hochzeitshaus“) – Room: KR12/00.05

Friday, October 21, 2016

9.15 – 9.45 Registration

9.45 – 10.00 Opening Remarks

Chair: Dominik Klein

10.00 – 10.30 **Christoph Merdes**
Normative Simulations

10.30 – 11.00 **Claudius Gräbner**
Agent based modeling and mechanism-based explanation. An application to cultural determinants of the emergence of cooperation

11.00 – 11.30 Tea break

Chair: Johannes Marx

11.30 – 12.00 **Bennett Holman**
Rational Social and Political Polarization

12.00 – 12.30 **Johannes Schmitt**
The Polarizing Dynamic by Center Coalitions: The Mechanism of Limited Cooperation

12.30 – 14.00 Lunch break

Chair: Kai Fischbach

14.00 – 14.30 **Simon Scheller**
When do Groups get it right? – Assessing the Epistemic Quality of Voting Rules and Communication Structures by Agent-based Models

14.30 – 15.00 **Csilla Rudas**
The role of banning in an online collaborative environment

15.00 – 15.30 Tea break

Please turn over



Chair: Simon Scheller

- 15.30 – 16.00** **Sebastian Pink**
Social Interaction and Fertility: A Simulation Approach
- 16.00 – 16.30** **Cecilia Nardini**
Agent-based models between Physics and the Social Sciences
- 16.30 – 17.00** Tea break

Chair: Johannes Marx

- 17:00 – 18.30** **Rainer Hegselmann**
Thomas C. Schelling and James M. Sakoda. A case study on how to become an unknown pioneer (Keynote Lecture)
- 19.30** Dinner at Hofbräu

Saturday, October 22, 2016

Chair: Kai Fischbach

- 9.30 – 10.00** **Dino Rizzi / Vincenzo Rebba / Paolo Pellizzari**
Searching for the optimal mix of taxation and copayments to fund health care: an agent-based approach
- 10.00 – 10.30** **Ulf Christian Ewert / Marco Sunder**
The Rise (and Fall) of Medieval Maritime Trade Systems:
An Agent-based Simulation Approach
- 10.30 – 11.00** **Johannes Zschache**
The emergence of cooperation by mistakes:
How explorative noise sustains cooperation in a multi-person prisoner's dilemma
- 11.00 – 11.30** Tea break

Chair: Dominik Klein

- 11.20 – 11.50** **AnneMarie Borg / Dunja Šešelja / Christian Straßer**
An argumentative agent-based model of scientific inquiry
- 11.50 – 12.20** **Rogier de Langhe**
An Agent-Based Model of Thomas Kuhn's Structure of Scientific Revolutions
- 12.20 – 13.50** **Malte Doehne / Catherine Herfeld**
What roles do scientists have in the spread of knowledge?
Innovators, specialists, and the neglected role of the translator