

Kick-off meeting for AU Network for the Computational Modelling of Complex Interactions (CMCI)

Monday the 17th of November 2014

Location: 1525-626

Programme

10:45-11:00 Welcome and introduction by coordinator Jacob Sherson

11-12: Group talks, (each 15+5 minutes)

- Oana Vuculescu+ Carsten Bergenholtz: Agent-based modelling – developing a model
- Oana Vuculescu+ Carsten Bergenholtz: Collective Problems Solving - a computational model of A-HA moments
- Jacob Sherson: Human based quantum optimization

12:00-12:30 Lunch

12:30-16:00 Group talks including 10 min breaks after every other talk

- Jens Jakob Sørensen (Jacob): Agent based modeling in quantum physics
- Dan Mønster: Emergence of hierarchies in groups of heterogeneous, reflexive agents
- Andreas Roepstorff: Mapping Belief Driven Interactions, the case of trust
- Michael Bang Petersen: Cognitive Biases and Transmission of Political Information
- Martin Greiner: Renewable Energy Networks
- Joachim Scholderer: The SCARECOM project: A test case for the CMCI Network
- Morten Fenger and Antonio R. Ostoic (Joachim): Modelling relational data structures: Multiplex network analysis and graph mining
- Andrea Carugati: modelling a single agent with system dynamics
- Lars Bach: Evolutionary games on graphs.