

workshop II

“Exploratory Modelling and Exploratory Models in Science”



Monday, 18 November 2019

- 09:45 **Welcome Speech (Axel Gelfert)**
- 10:00-11:00 **Julia Sánchez-Dorado:**
“Novel and worthy: Creativity in model studies”
- 11:00-12:00 **Hernán Bobadilla:**
“Understanding differently: An interpretational approach to understanding in exploratory models”
- 13:00-14:00 **Dunja Šešelja:**
“Exploratory models of scientific inquiry”
- 14:00-15:00 **Meinard Kuhlmann:**
“The exploratory function of agent-based modelling”
- 15:30-16:30 **Ceyhun Altıok:**
“Models of circulation patterns in built environments”
- 16:30-17:30 **Hajo Greif:**
“Exploring minds: Modes of Modelling and Simulation in Artificial Intelligence”

Tuesday, 19 November 2019

- 09:30-10:30 **Arianna Borrelli:**
“Exploratory modelling and concept formation in HEP”
- 10:30-11:30 **Joseph Wilson:**
“Exploratory models in climate science”
- 11:30-12:30 **Maria Serban:**
“The case for exploratory models in evo-devo research”
- 14:15-15:45 **Tina Heger (Department Seminar):**
“Balancing complexity and simplicity in ecology: strategies and challenges” **Room: H 1058**
- 16:00-17:00 **Andrea Loettgers:**
“Looking at the construction and mapping of formal templates through the lens of exploratory modelling”
- 17:00-18:00 **Michael Friedman:**
“Material models of braids: Exploration with materiality as a dead end?”

Main building | Room: H 2036
Straße des 17. Juni 135
D-10623 Berlin



Institute of History and Philosophy of
Science, Technology, and Literature
Chair of Theoretical Philosophy
Prof. Dr. Axel Gelfert

