

Toward a More Integrative View on Modelling, Experimenting and Simulating

International Workshop, Geneva, June 27–28, 2014

organized by

Andrea Loettgers and Marcel Weber

Friday, June 27

10:00 *Welcome*

Chair: Andrea Loettgers

10:15 **Claus Beisbart**
(Bern)

Experimenting and modeling: sharp
distinctions, integration, or just a mess?

11:00 *Discussion*

11:30 *Coffee*

11:45 **Arnon Levy**
(Jerusalem)

In Defense of a Traditional Distinction

12:30 *Discussion*

13:00 *Lunch*

Chair: Marcel Weber

14:30 **Adam Toon**
(Exeter)

Instruments, models and the extended mind

15:15 *Discussion*

15:45 *Coffee*

16:00 **Sara Green**
(Aarhus)

On the heuristic role of mathematical
abstractions in biological research

16:45 *Discussion*

17:15 **Andrea Loettgers**
(Geneva)

Modeling and Experimenting: The
Combinational Strategy in Synthetic Biology

18:00 *Discussion*

19:00 *Workshop Dinner*

Saturday, June 28

Chair: Claus Beisbart

10:00 **Eric Winsberg** Confirmation via Analogue Simulation:
(Tampa) What Dumb Holes Can Tell us About
Gravity

10:45 *Discussion*

10:15 *Coffee*

11:30 **Uskali Mäki** Issues of truth in modelling
(Helsinki)

12:15 *Discussion*

12:45 **Mauricio Suarez** Propensities, Chance Distributions and
(London/Madrid) Experimental Statistics

13:30 *Discussion*

End of Workshop

Location: Seminar room, rue Colladon
For questions, contact: andrea.loettgers@unige.ch.

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