



Workshop Announcement

ODE Modelling in Systems Biology

- Current Methodology
and Application Issues -

Freiburg Institute for Advanced Studies
Junior Researcher Conference

University Freiburg
Germany

Sep 19th – Sep 22th,
2017

Tuesday evening - Friday noon



Topics

- Network reconstruction and model discrimination
- Parameter estimation
- Optimization issues
- Numerical aspects
- Uncertainty analysis for parameters and predictions
- Concepts of identifiability and observability analyses
- L1 penalization, sparse models
- Error models
- Benchmarking and performance improvement
- Overcoming of limitations and bottlenecks

and especially:

- Modelling issues occurring in applications

Participants are invited to present methodological topics as well as application issues.

Register at

<http://odemodelling.uni-freiburg.de/>

Keynote speakers:

Dr. Andreas Raue, Merrimack Pharmaceuticals, Boston, USA

Dr. Jan Hasenauer, Helmholtz-Center, Munich, Germany

Prof. Jörg Stelling, ETH Zürich, Switzerland

Dr. Alejandro Villaverde, Institute for Marine Research, Vigo, Spain.

**Prof. Jens Timmer
Center for Data Analysis and Modelling
Freiburg, Germany**

Contact:

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**Registration deadline:
July 31st, 2017**

Further infos and registration:

<http://odemodelling.uni-freiburg.de/>