



BioModelling spring Riga 2018

MAY 15TH-17TH

Academic Center for Natural Sciences, Jelgavas iela 1

Join us for a three day hands-on course on dynamic (kinetic) modeling of biochemical pathways with COPASI software for students and researchers - learn tips and tricks from developers and users!

COVERAGE:

COPASI (Complex Pathway Simulator):

- basic introduction in kinetic modeling;
- global stochastic optimization methods in parameter estimation and optimisation;
- total optimization potential (TOP) approach;
- introduction of constraints in parameter estimation and optimization tasks;
- sample COPASI models of metabolism, signaling, pharmacokinetics.

LECTURERS:



Dr. Jürgen Pahle (COPASI developer)

- Center for Modelling and Simulation in the Biosciences (BIOMS)
- Center for Quantitative Analysis of Molecular and Cellular Biosystems (BioQuant) Heidelberg University, Germany



Prof. Egils Stalidzans (COPASI user)

- Institute of Microbiology and Biotechnology, University of Latvia, Latvia
- Latvian Biomedical Research and Study Centre, Latvia

More information and registration details:

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