

## European Conference on Mathematical and Theoretical Biology 2014 - Gothenburg

**Minisymposium:** Sensitivity and Robustness in Regulatory Networks

**Date:** Monday, 16th of June

**Time:** 16:00 – 19:00

Organizer:

Ronny Straube

Max Planck Institute for Dynamics of Complex Technical Systems

Magdeburg, Germany

E-mail: [rstraube@mpi-magdeburg.mpg.de](mailto:rstraube@mpi-magdeburg.mpg.de)

**Program (updated):**

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|---------------|---|
| 16:00 – 16:10 | <i>Welcome and Introduction</i>   |
| 16:10 – 16:40 | <b>Ronny Straube</b> (MPI Magdeburg)<br><i>Ultrasensitivity and concentration robustness in bifunctional enzyme systems</i> |
| 16:40 – 17:10 | <b>Martin Falcke</b> (MDC Berlin)<br><i>Encoding of stimulus intensities by sequences of <math>Ca^{2+}</math> spikes</i>    |
| 17:10 – 17:40 | <b>Bruno Martins</b> (SLCU Cambridge)<br><i>Ultrasensitivity in phosphorylation cycles with little substrate</i>            |
| 17:40 – 18:10 | <b>Franziska Witzel</b> (ITB/Charité Berlin)<br><i>Robustness of MAPK signaling at various expression levels of Erk1/2</i>  |
| 18:10 – 18:40 | <b>Katharina Baum</b> (MDC Berlin)<br><i>The sensitivity of oscillatory properties</i>                                      |