

## Program Workshop „Image-based Systems Biology“ at Jena, September 19, 2012



Time	Speaker	Title
09:00		reception opening
09:20		workshop opening
09:30 – 10:15	<b>Prof. Dr. Joachim Denzler (invited speaker)</b>	Novelty Detection in Biological Data using Gaussian Processes
10:15 – 10:45	<b>Dr. Zoltan Cseresnyes</b>	Kinetic analysis of cell migration and cell membrane geometry in a migrating epithelial sheet
10:45 – 11:15		coffee break
11:15 – 11:45	<b>Jindřich Soukup</b>	Segmentation of time-lapse microscopy images of somatic cells for automatic cell cycle analysis
11:45 – 12:30	<b>Prof. Dr. Ingo Röder (invited speaker)</b>	Automatic tracking and quantification of dynamic cellular characteristics
12:30 – 14:00		lunch break
14:00 – 14:45	<b>Dr. Daniel Rapoport (invited speaker)</b>	Image based methods for turning cell culture into numbers
14:45 – 15:30	<b>Dr. Jörg Lücke (invited speaker)</b>	Representational Approaches for the Analysis of Microscopy Images
15:30 – 16:00	<b>Dr. Carl Svensson</b>	Feature Based Classification of Circulating Tumour Cells
16:00 – 16:30		coffee break
16:30 – 17:00	<b>Hendrik Schäfer</b>	Automated Image Analysis of Hodgkin lymphoma
17:00 – 17:30	<b>Dr. Ivo Sbalzarini</b>	Image-based Systems Biology: Modeling and Simulation in Image-derived Geometries
17:30		workshop closing