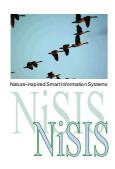
NiSIS/JCB Spring School

Top-down Approaches in Systems Biology – Methods

4th May 2006, Jena/Germany

Technologie- und Innovationspark TIP Jena, 3rd Floor, Beutenberg-Campus, Wildenbruchstr. 15, D-07745 Jena

Organized by the Leibniz Institute for Natural Product Research and Infection Biology - Hans Knoell Institute and BioControl Jena GmbH with Support from the European Co-ordination Action NiSIS 'Nature-inspired Smart Information Systems' and the Jena Centre for Bioinformatics JCB









Programme

12.30 - 13.00	Registration
	Opening Part
13.00 - 13.15	<u>M. Pfaff</u> (BioControl Jena GmbH, Jena, Germany) <u>D.A. Linkens</u> (University of Sheffield, England) Welcome, Introduction and Programme Overview
	Lectures
13.15 - 14.00	<u>S. Bicciato</u> (University of Padova, Italy) Computational Methods for Integrated -omics Analysis: A. Bridging Genomics with Transcriptomics
14.00 - 14.15	Break
14.15 - 15.00	<u>M.I. Klapa</u> (Foundation of Research and Technology Hellas FORTH-ICEHT, Patra, Greece and University of Maryland, USA) Computational Methods for Integrated -omics Analysis: B. Bridging Transcriptomics with Metabolomics
15.00 - 15.15	Break
15.15 - 16.00	<u>J. Selbig</u> (Max Planck Institute for Molecular Plant Physiology, Potsdam-Golm and University of Potsdam, Germany) Analysis and Visualisation of Complex Biological Profile Data
16.00 - 16.15	Break
16.15 - 17.00	<u>R. Brause</u> (Goethe University Frankfurt/Main, Germany) Neural Network Based Rule Generation for Prediction in Medicine
17.00 - 17.15	Break
17.15 - 18.00	<u>D. Driesch</u> (BioControl Jena GmbH, Jena, Germany) Using Ensemble Methods to Improve Rule Based Systems for Prediction in Medicine
	Closing Part
18.00 - 18.15	<u>M. Pfaff</u> (BioControl Jena GmbH, Jena, Germany) <u>D.A. Linkens</u> (University of Sheffield, England) Feedback Discussion and Concluding Remarks