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

Nature-inspired Smart Information Systems

NiSIS

NiSIS

JCB

Jena Centre for Bioinformatics

HKI

Bio Control

Programme

12.30 - 13.00	*Registration*
	Opening Part
13.00 - 13.15	M. Pfaff (BioControl Jena GmbH, Jena, Germany) D.A. Linkens (University of Sheffield, England) **Welcome, Introduction and Programme Overview**
	Lectures
13.15 - 14.00	S. Bicciato (University of Padova, Italy) **Computational Methods for Integrated -omics Analysis:** **A. Bridging Genomics with Transcriptomics**
14.00 - 14.15	*Break*
14.15 - 15.00	M.I. Klapa (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	J. Selbig (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	R. Brause (Goethe University Frankfurt/Main, Germany) **Neural Network Based Rule Generation** **for Prediction in Medicine**
17.00 - 17.15	*Break*
17.15 - 18.00	D. Driesch (BioControl Jena GmbH, Jena, Germany) **Using Ensemble Methods to Improve Rule Based Systems** **for Prediction in Medicine**
	Closing Part
18.00 - 18.15	M. Pfaff (BioControl Jena GmbH, Jena, Germany) D.A. Linkens (University of Sheffield, England) **Feedback Discussion and Concluding Remarks**

For further Information and Registration please refer to: www.biocontrol-jena.com (Registration Fee for Non-NiSIS/JCB Members 60 € plus 16 % German VAT)