

# EUNITE/JCB Spring School

## BioData Mining

13<sup>th</sup> May 2004, Jena/Germany

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

Organized by BioControl Jena GmbH and The Hans Knoell Institute for Natural Product Research  
on behalf of EUNITE, The European Network on Intelligent Technologies,  
and JCB, The Jena Centre for Bioinformatics

### Programme



08.30 - 09.00

Registration

13.15 - 14.15

Lunch Break

09.00 - 09.15

M. Pfaff, R. Guthke, J. Suehnel (Jena/Germany),  
D.A. Linkens (Sheffield/England)

**Welcome and Introduction  
to the EUNITE/JCB Spring School**

14.15 - 15.15

D. Driesch (Jena/Germany)

**BioData Supervised Learning Methods:  
Fuzzy Cluster Based Rule Extraction**

09.15 - 10.00

E. Moeller (Jena/Germany)

**BioData Generation Methods:**

**Preparation of Microarray Experiments  
and Data Pre-Processing**

15.15 - 15.30

Break

15.30 - 16.30

H. de Jong (Grenoble/France)

**BioData Modelling Methods:  
Modelling and Simulation  
of Genetic Regulatory Networks  
using Ordinary Differential Equations**

10.00 - 10.15

Break

10.15 - 11.15

U. Moeller (Jena/Germany)

**BioData Unsupervised Learning Methods:  
Clustering and Cluster Validation**

16.30 - 16.45

Break

16.45 - 17.45

R. Babuska (Delft/Netherlands)

**BioData Modelling Methods:  
Fuzzy Modelling**

11.30 - 12.15

M. Hoffmann (Jena/Germany)

**BioData Supervised Learning Methods:**

**Support Vector Machines**

17.45 - 18.00

M. Pfaff, R. Guthke, J. Suehnel (Jena/Germany),  
D.A. Linkens (Sheffield/England)

**Feedback and Closing Remarks**

12.15 - 12.30

Break

12.30 - 13.15

R. Guthke (Jena/Germany)

**BioData Supervised Learning Methods:**

**Induction of Decision Trees**

