

“The ABC of Life Science Informatics”
 Mini-Symposium of Bioinformatics and Cheminformatics Research Groups
 from the Aachen-Bonn-Cologne Region

November 6, 2009

Bonn-Aachen International Center for Information Technology (B-IT)
 Lecture Hall



- 13 Prof. Dr. Wolfgang Alt
 “Simulation Models for Biological Systems Regulation - Some Examples and Principles”
- 4 12 Prof. Dr. Thomas Berlage
 “Model-Based Engineering of Life Science Instruments”
- 1 Dr. Holger Fröhlich
 “From High-Throuput Data to Systems Biology”
- 6 12 17 Dr. Kurt Hoffmann
 “Alma-in-Silico, Towards an Euregional Operational Structure for Sharing and Coordinating Academic and Industrial Competences for Services, Training and Cooperative Research in Systems Biology”
- 1 5 Prof. Dr. Martin Hofmann-Apitius
 “Unstructured Information Mining as a Basis for Modelling and in Silico Experimentation”
- 1 Dr. Christian Kandt
 “The Molceular Basis of Multi-drug Resistance - Insights from Computational Structural Biology”

- 5 11 Prof. Karl Kirschner, PhD
 “Computational Chemical Engineering by Multiscale Modelling - Research and Services”
- 14 Prof. Dr. Maik Kschischo
 “A Mathematical Model for Potassium Homeostasis in *Saccharomyces Cerevisiae*”
- 2 Dr. Christian Lemmen
 “Synthetically Accessible Compound Spaces”
- 10 15 Dr. Heiko Schoof
 “Making Connections: Data Integration, Web Services, Phylogenies and High-Throughput Data Interpretation”
- 8 Prof. Dr. Joachim Schultze
 “Combining Genomics and Bioinformatics to Reach the Next Level of Leukemia Diagnostics”
- 7 Prof. Thomas Wiehe
 “Rates and Patterns of Horizontal Gene Transfer”
- 16 Prof. Dr. Thomas Wienker
 “Quality Control and Genetic Interaction Analysis of Microarray SNP Data”
- 9 Dipl. Inform. Jörg Zimmermann
 “Gene Network Analysis”
- 3 Dr. Olav Zimmermann
 “Opportunities and Challenges for HPC in the Life Sciences”

