

## Program

### Venue:

The meeting takes place in building 46, room 268. The room can be entered opposite of building 48 in the underpass.

### Wednesday:

- 13:30 - 14:00 Registration
- 14:00 - 14:30 Welcome
- 14:30 - 15:00 Michael Hamann - Skeleton-based Clustering in Big and Streaming Social Networks
- 15:00 - 15:30 Jan Schiemann - Algorithmic Foundations for Genome Assembly
- 15:30 - 16:00 Manuel Penschuck - Big-Data-DynAmO: Dynamic, Approximate and Online Methods for Big Data
- 16:00 - 16:30 Break
- 16:30 - 17:00 Miriam Schlöter - Algorithms for Solving Time-Dependent Routing problems with Exponential Output Size
- 17:00 - 17:30 Till Schäfer - Graph-Based Methods for Rational Drug Design
- 17:30 - 18:00 Sebastian Schlag - Engineering Algorithms for Partitioning Large Graphs

### Thursday:

- 9:15 - 9:45 Florian Kurpicz - Massive Text Indices
- 9:45 - 10:15 Niklas Schnelle - Efficient Semantic Search on Big Data
- 10:15 - 10:30 Break
- 10:30 - 11:00 Dr. Sören Laue/Lars Kühne - Scaling Up Generic Optimization
- 11:00 - 11:30 Elisabetta Bergamini - Fast Inexact Combinatorial and Algebraic Solvers for Massive Networks
- 11:30 - 13:00 Lunch
- 13:00 - 14:00 Invited Talk: Dr. Sebastian Wild - Dual-Pivot Quicksort and Beyond: Analysis of Multiway Partitioning and Its Practical Potential
- 14:30 - 15:00 Alexander Göke - Kernelization
- 15:00 - 16:00 Business Meeting
- 17:00 - 19:00 Excursion (Pfalzgalerie)
- 19:00 Diner in the restaurant Twentyone

### Friday:

- 9:45 - 10:15 Dr. Julien Siebert - Local Identification of Central Nodes, Clusters and Network Motifs in Very Large Complex Networks
- 10:15 - 11:15 Invited Talk: Dr. Krishna Gummadi - Designing discriminationfree algorithms in machine learning
- 11:15 - 11:30 Break
- 11:30 - 12:00 Johannes Stegmaier 3D+T Terabyte Image Analysis
- 12:00 - 12:30 Till Knollmann - Distributed Data Streams in Dynamic Environments
- 12:30 - 13:00 Manuel Fersch - Scalable Cryptography