

DFG Schwerpunktprogramm 1126
**Algorithmik großer und
komplexer Netzwerke**
Jahreskolloquium 2006, Aachen

Monday, 12. June

12:30	Registrierung
13:15	Begrüßung
13:30	Katharina Lehmann: <i>Network Structures Resulting from Local Attachment Rules</i>
14:00	Simon Fischer, Nils Kammenhuber: <i>Putting "Selfish Routing" into Practice</i>
14:30	Thomas Heinze: <i>An Algorithm for Multistage Stochastic Integer Programs</i>
15:00	Kaffeepause
15:30	Eingeladener Vortrag: Christian Scheideler: <i>Towards a Scalable and Robust Distributed Hash Table</i>
16:30	Kurze Pause
16:45	Deepak Ajwani, Dominik Schultes: <i>Algorithm Engineering for Large Graphs</i>
17:15	Sascha Meinert: <i>Exchanging and Archiving Public and Private Graphs Using GraphDB</i>
17:45	Diskussion
18:15	Ende der Vorträge

Tuesday, 13. June

09:00	Karsten Tiemann: <i>Routing (Un-) Splittable Flow in Games with Player-Specific Linear Latency Functions</i>
09:30	Susanne Albers: <i>An Experimental Study on Online Packet Buffering Algorithms</i>
10:00	Alexander Kröller: <i>Sensor Networks: Flows & Runners</i>
10:30	Kaffeepause
11:00	Daniel Sawitzki: <i>The Complexity of Problems on Implicitly Represented Inputs</i>
11:30	Michael Baur: <i>Visone - Analysis and Visualization of Social Networks</i>
12:00	Mittagspause
13:30	Thomas Ottmann: <i>IP Table Lookup</i>
14:00	Gereon Frahling: <i>Efficient Kinetic Data Structures for MaxCut</i>
14:30	Anand Srivastav: <i>Computation of Equilibria in Selfish Routing Games</i>
15:00	Kaffeepause
15:30	Eingeladener Vortrag: Bernhard von Stengel: <i>Hard-to-solve Bimatrix Games</i>
16:30	Kurze Pause
16:45	Diskussion
20:00	Social event

Wednesday, 14. June

09:00	Nadine Baumann, Heiko Schilling, Martin Skutella: <i>Efficient Algorithms for Path-Based and Dynamic Flow Problems in Large Networks</i>
09:30	Christoph Buchheim: <i>Interaktive Visualisierung und automatische Analyse metabolischer Netzwerke</i>
10:00	Horst W. Hamacher: <i>(Fundamental) Cut Bases in Undirected Networks</i>
10:30	Kaffeepause
11:00	Hannes Moser: <i>Iterative Compression for Solving Hard Network Problems</i>
11:30	Harout Aydinian: <i>On Network Coding for Reliable Communication</i>
11:45	Christian Wischmann: <i>Buffer Management with Limited Knowledge of Future Arrivals</i>
12:00	Ende der Vorträge