

Program of the Annual Meeting
July 22-24, 2002
University of Konstanz, room A 704



Research Cluster 1126

*Algorithmic Aspects
of Large and Complex
Networks*

Monday, July 22, 2002	
9.00	Registration
9.50	Welcoming
10.00	Michael Kaufmann, Universität Tübingen <i>Refinements of Circular Drawings</i>
10.30	Klaus Holzapfel, TU München <i>Density based clustering in dynamic and abstract representations of large networks</i>
11.00	Coffee Break
11.30	Piotr Krysta, MPI Saarbrücken <i>Traffic Allocation for Server Farms</i>
12.00	Anja Feldmann, Universität des Saarlandes <i>Web Traffic: Simulations vs. Reality</i>
12.30	Lunch Break
14.00	Invited Lecture: Giuseppe Di Battista, Università degli Studi di Roma Tre <i>The Internet Graph</i>
15.00	Coffee Break
15.30	Horst W. Hamacher, Stevanus A. Tjandra, Universität Kaiserslautern <i>Dynamic Networks: Bi-Criteria Paths and Earliest Arrival Flows</i>
16.00	Rolf Möhring, TU Berlin <i>Path-based multi-commodity flows in large networks</i>
16.30	Georg Kliewer, Universität Paderborn <i>Algorithms for Network Design</i>
17.15	Walk to the Isle of Mainau and Conference Dinner

Tuesday, July 23, 2002	
9.00	Invited Lecture: Vladimir Batagelj, University of Ljubljana <i>Analysis of Large Networks (Using Pajek)</i>
10.00	Christian Sohler, Universität Paderborn <i>Sublinear-Time Euclidean Minimum Spanning Tree Approximation</i>
10.30	Coffee Break
11.00	Daniel Sawitzki, Universität Dortmund <i>Algorithms on Implicit Networks</i>
11.30	Peter Sanders, MPI Saarbrücken <i>A Practical Minimum Spanning Tree Algorithm Using the Cycle Property</i>
12.00	André Pönitz, Hochschule Mittweida <i>Composition Algorithms</i>
12.30	Lunch Break
14.00	Franziska Berger, TU München <i>Sparse Cycle Bases in Large Graphs</i>
14.30	Andreas Märkert, Universität Duisburg <i>Risk optimization in stochastic integer programs, with applications to gas pipeline systems and network interdiction</i>
15.00	Rudolf Ahlswede, Universität Bielefeld <i>Network Information Flow</i>
15.30	Coffee Break
16.00	Discussion and workshops: GraphML, data sets, etc. (until 17.00)

Wednesday, July 24, 2002

- 9.00 Anand Srivastav, Universität Kiel
Approximation of the Minimum Multicast Problem
- 9.30 Ulrik Brandes, Universität Konstanz
Coordinate Assignment for Layered Network Layouts in visone.
- 10.00 Sabine Cornelsen, Universität Konstanz
Drawing Graphs on Two and Three Lines
- 10.30 Siavash Vahdati Daneshmand, Universität Mannheim
Some recent advances on Steiner trees and related problems
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- 11.00 Coffee Break
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- 11.30 Final discussion (until 12.30)