

ESA 08

- preliminary program as of August 29, 2008

September 15, Monday	
9:00 – 9:25	Opening remarks
9:25 – 10:15	Invited Talk <i>Leslie Valiant, Harvard University</i>
10:15 – 10:25	Short break
10:25 – 10:50	Better and simpler approximation for the stable marriage problem <i>Zoltan Kiraly. Best Paper Award</i>
10:50 – 11:15	Improved Approximation Algorithms for Relay Placement <i>A. Efrat S., Fekete, P. Gaddehosur, J. Mitchell V. Polishchuk and J. Suomela</i>
11:15 – 11:40	Coffee break
11:40 – 12:05	A Practical Quicksort Algorithm for Graphics Processors <i>Daniel Cederman and Philippas Tsigas</i>
12:05 – 12:30	Sorting Using Networks of Stacks and Queues <i>Stefan Felsner and Martin Pergel</i>
12:30 – 14:00	Lunch break
14:00 – 14:25	On the Size of the 3D visibility skeleton: Experimental Results <i>L. Zhang, H. Everett, S. Lazard, C. Weibel and S. Whitesides</i>
14:25 – 14:50	How Reliable are Practical Point-in-Polygon Strategies <i>Stefan Schirra</i>
14:50 – 15:15	Fitting a Step Function to a Point Set <i>H. Fournier and A. Vigneron</i>
15:15 – 15:45	Coffee break
15:45 – 16:10	Stabbing Convex Polygons with a Segment or a Polygon <i>P. Agarwal, D. Chen, S. Ganjugunte E. Misiolek M. Sharir and K. Teng</i>
16:10 – 16:35	A Near-tight Bound for the Online Steiner Tree Problem in Graphs of Bounded Asymmetry <i>Spyros Angelopoulos</i>
16:35 – 17:00	Locality and bounding-box quality of two-dimensional space-filling curves <i>H. Haverkort and F. v. Walderveen</i>
17:00 – 17:10	Short break
17:10 – 17:35	Probabilistic Analysis of Online Bin Coloring algorithms via Stochastic Comparison <i>Benjamin Hiller and Tjark Vredeveld</i>
17:35 – 18:00	Randomized Competitive Analysis for Two-Server Problems <i>W. Bein, K. Iwama and J. Kawahara</i>
18:15 – ...	Reception

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September 16, Tuesday	
9:00 – 9:50	Invited Talk <i>Marc Overmars, Universiteit Utrecht</i>
9:50 – 10:00	Short break
10:00 – 10:25	Time-Dependent SHARC-Routing <i>Daniel Delling. Best Student Paper Track B</i>
10:25 – 10:50	Mobile Route Planning <i>P. Sanders, D. Schultes and C. Vetter</i>
10:50 – 11:15	An Integer Programming Algorithm for Routing Optimization in IP Networks <i>Andreas Bley</i>
11:15 – 11:40	Coffee break
11:40 – 12:05	Space-Time Tradeoffs for Proximity Searching in Doubling Spaces <i>S. Arya, D. Mount, A. Vigneron and J. Xia</i>
12:05 – 12:30	An Optimal dynamic spanner for doubling metric spaces <i>Lee-Ad Gottlieb and Liam Roditty</i>
12:30 – 14:00	Lunch break
14:00 – 14:25	On the Complexity of Optimal Hotlink Assignment <i>Tobias Jacobs</i>
14:25 – 14:50	Faster Swap Edge Computation in Minimum Diameter Spanning Trees <i>Beat Gfeller</i>
14:50 – 15:15	Tight Bounds and Faster Algorithms for Directed Max-Leaf-Problems <i>Paul Bonsma and Frederic Dorn</i>
15:15 – 15:45	Coffee break
15:45 – 16:10	Relative Convex Hulls in Semi-Dynamic Subdivisions <i>Csaba Toth and Mashhood Ishaque</i>
16:10 – 16:35	On Dominance Reporting in 3D <i>Peyman Afshani</i>
16:35 – 17:00	Robust Kinetic Convex Hulls in 3D <i>U. Acar, G. Blelloch, K. Tangwongsan and D. Trkoglu</i>
17:00 – 17:10	Short break
17:10 – 17:35	The Alcuin number of a graph <i>P. Csorba, C. Hurkens and G. Woeginger</i>
17:35 – 18:00	Improved BDD Algorithms for the Simulation of Quantum Circuits <i>Vasilis Samoladas</i>
18:15 – ...	ESA Business Meeting

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September 17, Wednesday	
9:00 – 9:50	Invited Talk <i>Eytan Ruppin, Tel Aviv University</i>
9:50 – 10:00	Short break
10:00 – 10:25	Deterministic Sampling Algorithms <i>Anke van Zuylen. Best Student Paper Track A</i>
10:25 – 10:50	Oblivious Randomized Direct Search for Real-Parameter Optimization <i>Jens Jägersküpfer</i>
10:50 – 11:15	Improved randomized results for that interval selection problem <i>Leah Epstein and Asaf Levin</i>
11:15 – 11:40	Coffee break
11:40 – 12:05	The Effects of Local Randomness in the Adversarial Queuing Model <i>Yann Lorion and Maik Weinard</i>
12:05 – 12:30	Improved Competitive Performance Bounds for CIOQ Switches <i>A. Kesselman, K. Kogan and M. Segal</i>
12:30 – 14:00	Lunch break
14:00 – 14:25	An Optimal Incremental Algorithm for Minimizing Lateness/Tardiness with Rejection <i>Samir Khuller and Julian Mestre</i>
14:25 – 14:50	Approximability of Average Completion Time scheduling on Unrelated Machines <i>Rene Sitters</i>
14:50 – 15:15	Fast Divide-and-Conquer Algorithms for Preemptive Scheduling Problems with Controllable Processing Times <i>N. Shakhlevich, A. Shioura and V. Strusevich</i>
15:15 – 15:45	Coffee break
15:45 – 16:10	A Scaling Algorithm for Maximum Node-Capacitated Multiflow Problem <i>Maxim Babenko and Alexander Karzanov</i>
16:10 – 16:35	The Partial Augment-Relabel Algorithm for the Maximum Flow Problem <i>Andrew Goldberg</i>
18:00 – ...	ZKM