

# WAOA 08

- preliminary program as of 25. August 2008

<b>September 18, Thursday</b>	
<b>9:00 – 9:50</b>	Invited Talk <i>David Williamson, Cornell University</i>
<b>9:50 – 10:00</b>	Short break
<b>10:00 – 10:25</b>	Max-Weight Integral Multicommodity Flow in Spiders and High-Capacity Trees <i>Jochen Konemann, Ojas Parekh and David Pritchard</i>
<b>10:25 – 10:50</b>	Size Versus Stability in the Marriage Problem <i>Peter Biro, David Manlove and Shubham Mittal</i>
<b>10:50 – 11:15</b>	Degree-Constrained Subgraph Problems : Hardness and Approximation Results <i>Omid Amini, David Peleg, Stephane Perennes, Ignasi Sau and Saket Saurabh</i>
<b>11:15 – 11:40</b>	Coffee break
<b>11:40 – 12:05</b>	A lower bound for scheduling of unit jobs with immediate decision on parallel machines <i>Tomáš Ebenlindr and Jiri Sgall</i>
<b>12:05 – 12:30</b>	Improved Randomized Online Scheduling of Unit Length Intervals and Jobs <i>Stanley Fung, CK Poon and Feifeng Zheng</i>
<b>12:30 – 14:00</b>	Lunch break
<b>14:00 – 14:25</b>	Minimizing average flow time on unrelated machines <i>Rene Sitters</i>
<b>14:25 – 14:50</b>	Cooperation in multiorganization matching <i>Laurent Gourves, Jerome Monnot and Fanny Pascual</i>
<b>14:50 – 15:15</b>	Randomized Algorithms for Buffer Management with 2-Bounded Delay <i>Marcin Bienkowski, Marek Chrobak and Lukasz Jeż</i>
<b>15:15 – 15:45</b>	Coffee break
<b>15:45 – 16:10</b>	A General Scheme for Designing Monotone Algorithms for Scheduling Problems with Precedence Constraints <i>Clemens Thielen and Sven Krumke</i>
<b>16:10 – 16:35</b>	Malicious Bayesian Congestion Games <i>Martin Gairing</i>
<b>16:35 – 17:00</b>	Stackelberg Strategies and Collusion in Network Games with Splittable Flow <i>Tobias Harks</i>
<b>17:00 – 17:10</b>	Short break
<b>17:10 – 17:35</b>	Peak Shaving Through Resource Buffering <i>Amotz Bar-Noy, Matthew P. Johnson and Ou Liu</i>
<b>17:35 – 18:00</b>	On Lagrangian Relaxation and Subset Selection Problems <i>Ariel Kulik and Hadas Shachnai</i>
<b>18:00 – 18:25</b>	Approximation algorithms for prize-collecting network design problems with general connectivity requirements <i>Chandrashekar Nagarajan, Yogeshwer Sharma and David Williamson</i>

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- preliminary program as of 25. August 2008

<b>September 19, Friday</b>	
<b>9:00 – 9:50</b>	Invited Talk <i>Rolf Möhring, Technische Universität Berlin</i>
<b>9:50 – 10:00</b>	Short break
<b>10:00 – 10:25</b>	Caching Content under Digital Rights Management <i>Leah Epstein, Amos Fiat and Meital Levy</i>
<b>10:25 – 10:50</b>	Reoptimization of Weighted Graph and Covering Problems <i>Anna Zych, Davide Bilo and Peter Widmayer</i>
<b>10:50 – 11:15</b>	Smoothing imprecise 1.5D terrains <i>Chris Gray, Maarten Löffler and Rodrigo Silveira</i>
<b>11:15 – 11:40</b>	Coffee break
<b>11:40 – 12:05</b>	Local PTAS for Dominating and Connected Dominating Set in Location Aware Unit Disk Graphs <i>Andreas Wiese and Evangelos Kranakis</i>
<b>12:05 – 12:30</b>	Dynamic Offline Conflict-Free Coloring for Unit Disks <i>Joseph Chan, Francis Chin, Xiangyu Hong and Hingfung Ting</i>
<b>12:30 – 14:00</b>	Lunch break
<b>14:00 – 14:25</b>	Experimental Analysis of Scheduling Algorithms for Aggregated Links <i>Wojciech Jawor, Marek Chrobak and Mart Molle</i>
<b>14:25 – 14:50</b>	A $(2 - c \frac{\log n}{n})$ Approximation Algorithm for the Minimum Maximal Matching Problem <i>Zvi Gotthilf, Moshe Lewenstein and Elad Rainshmidt</i>
<b>14:50 – 15:15</b>	On the maximum edge coloring problem <i>Giorgio Lucarelli, Ioannis Milis and Vangelis Paschos</i>