

Wednesday 24/8		
	ESA 1	ESA 2
08:30-09:00	Registration	
09:00-10:15	Session 11A: Sorting and Matching Chair: ?	Session 11B: FPT Chair: ?
09:00	Stefan Edelkamp and Armin Weiß: BlockQuicksort: How Branch Mispredictions don't affect Quicksort	Karl Bringmann, László Kozma, Shay Moran and N.S. Narayanaswamy: Hitting Set for hypergraphs of low VC-dimension
09:25	Juha Kärkkäinen and Dominik Kempa: Faster External Memory LCP Array Construction	Krzysztof Fleszar, Matthias Mních and Joachim Spoerhase: New Algorithms for Maximum Disjoint Paths Based on Tree-Likeness
09:50	Shay Golan, Tsvi Kopelowitz and Ely Porat: Streaming Pattern Matching with d Wildcards	Edouard Bonnet, Laszlo Egri and Daniel Marx: Fixed-parameter Approximability of Boolean MinCSPs
10:15-10:35	Coffee Break	
10:35-11:25	Session 12A: Optimization II Chair: ?	Session 12B: Geomery IV Chair: ?
10:35	Ralf Borndörfer, Heide Hoppmann and Marika Karbstein: Separation of Cycle Inequalities for the Periodic Timetabling Problem	Huck Bennett, Daniel Dadush and Noah Stephens-Davidowitz: On the Lattice Distortion Problem
11:00	Alantha Newman, Heiko Roeglin and Johanna Seif: The Alternating Stock Size Problem and the Gasoline Puzzle	Haitao Wang: On the Geodesic Centers of Polygonal Domains
11:25-11:30	Break	
11:30-12:30	ESA Invited Giuseppe Italiano	
12:30-14:00	Lunch	
14:00-15:15	Session 13A: Online Algorithms II Chair: ?	Session 13B: Graph Classes Chair: ?
14:00	Marcin Bienkowski, Martin Böhm, Jaroslaw Byrka, Marek Chrobak, Christoph Dürr, Lukáš Folwarczný, Łukasz Jeż, Jiří Sgall, Nguyen Kim Thang and Pavel Veselý: Online Algorithms for Multi-Level Aggregation	Hiro Ito: Every property is testable on a natural class of scale-free multigraphs
14:25	Chris Schwiegelshohn and Uwe Schwiegelshohn: The Power of Migration for Online Slack Scheduling	Daniel Neuen: Graph Isomorphism for unit square graphs
14:50	Giorgio Lucarelli, Kim Thang Nguyen, Abhinav Srivastav and Denis Trystram: Online Non-preemptive Scheduling in a Resource Augmentation Model based on Duality	Thomas Bläsius, Tobias Friedrich and Anton Krohmer. Hyperbolic Random Graphs: Separators and Treewidth
15:15-15:30	Break	
15:30-17:10	Session 14A: Dynamic Algorithms Chair: ?	Session 14B: Geometry V Chair: ?
15:30	Casper Kejlberg-Rasmussen, Tsvi Kopelowitz, Seth Pettie and Mikkel Thorup: Faster Worst Case Deterministic Dynamic Connectivity	Clément Maria and Jonathan Spreer: Admissible colourings of 3-manifold triangulations for Turaev-Viro type invariants
15:55	Monika Henzinger and Stefan Neumann: Incremental and Fully Dynamic Subgraph Connectivity For Emergency Planning	Moritz Baum, Thomas Bläsius, Andreas Gemsa, Ignaz Rutter and Franziska Wegner: Scalable Exact Visualization of Isocontours in Road Networks via Minimum-Link Paths
	Gramoz Goranci, Monika Henzinger and Mikkel Thorup:	Jian Li and Wei Zhan:

16:20	Inorup: Incremental Exact Min-Cut in Poly-logarithmic Amortized Update Time	Almost All Even Yao-Yao Graphs Are Spanners
16:45	Greg Bodwin and Sebastian Krinninger: Fully Dynamic Spanners with Worst-Case Update Time Guarantees	Jean-Lou De Carufel, Matthew Katz, Matias Korman, André van Renssen, Marcel Roeloffzen and Shakhar Smorodinsky:
17:10-17:25		
17:25-18:15		
18:15-18:30	Break	
18:30-...	Barbecue (Mathematics canteen)	