Wednesday, June 12th	
08:30-	Registration desk opens
09:00-09:10	Welcome
09:10-10:30	Session 1: Parameterized Algorithms Chair: *Blair Sullivan*
09:10-09:30	Benjamin Merlin Bumpus, Bart M. P. Jansen and Jaime Venne. *Fixed-Parameter Tractable Certified Algorithms for Covering and Dominating in Planar Graphs and Beyond*
09:30-09:50	Yota Otachi, Akira Suzuki and Yuma Tamura. *Finding Induced Subgraphs from Graphs with Small Mim-Width*
09:50-10:10	Fedor Fomin, Petr Golovach, Tuukka Korhonen and Saket Saurabh. *Stability in Graphs with Matroid Constraints*
10:10-10:30	Jesse Beisegel, Nina Chiarelli, Ekkehard Köhler, Martin Milanič, Peter Muršič and Robert Scheffler. *The Simultaneous Interval Number: a New Width Parameter That Measures the Similarity to Interval Graphs*
10:30-11:00	Coffee
11:00-11:50	Session 2: Invited Talk (Karen Aardal) Chair: *Hans Bodlaender*
11:00-11:50	Karen Aardal. *Machine-learning augmented enumeration for integer optimization, and beyond*
11:50-12:30	Session 3: Optimization Chair: *Kazuo Iwama*
11:50-12:10	Mohammad Salavatipour and Lijiangnan Tian. *Approximation Algorithms for the Airport and Railway Problem*
12:10-12:30	Zachary Friggstad and Hao Sun. *A Logarithmic Integrality Gap for Generalizations of Quasi-Bipartite Instances of Directed Steiner Tree*
12:30-13:40	Lunch
13:40-15:00	Session 4: Computational Geometry Chair: *Yushi Uno*
13:40-14:00	Lotte Blank and Anne Driemel. *Range Reporting for Time Series via Rectangle Stabbing*
14:00-14:20	Irina Kostitsyna, Tim Ophelders, Irene Parada, Tom Peters, Willem Sonke and Bettina Speckmann. *Optimal in-Place Compaction of Sliding Cubes*
14:20-14:40	Kevin Buchin, Maike Buchin, Joachim Gudmundsson, Lukas Plätz, Lea Thiel and Sampson Wong. *L-Budget Clustering of Curves*
14:40-15:00	Auguste Gezalyan, Soo Kim, Carlos Lopez, Daniel Skora, Zofia Stefankovic and David Mount. *Delaunay Triangulations in the Hilbert Metric*
15:00-15:30	Coffee
15:30-16:30	Session 5: Data Structures / Parameterized Algorithms Chair: *Inge Li Gørtz*
15:30-15:50	Gerth Stølting Brodal and Sebastian Wild. *Deterministic Cache-Oblivious Funnelselect*
15:50-16:10	Ioana O. Bercea, Jakob Bæk Tejs Knudsen and Rasmus Pagh. *Daisy Bloom Filters*
16:10-16:30	Matthias Bentert, Alex Crane, Pål Grønås Drange, Felix Reidl and Blair D. Sullivan. *Correlation Clustering with Vertex Splitting*
16:35-17:00	SWAT Business Meeting

	Thursday, June 13th
09:00-10:20	Session 6: Computational Geometry Chair: *Greg Bodwin*
09:00-09:20	Bernd Gärtner, Vishwas Kalani, Meghana M. Reddy, Wouter Meulemans, Bettina Speckmann and Milos Stojakovic. *Optimizing Symbol Visibility Through Displacement*
09:20-09:40	Kien C. Huynh, Joseph S. B. Mitchell, Linh Nguyen and Valentin Polishchuk. *Optimizing Visibility-Based Search in Polygonal Domains*
09:40-10:00	Josh Brunner, Kenneth Cheung, Erik Demaine, Jenny Diomidova, Christine Gregg, Hendrickson Della and Irina Kostitsyna. *Reconfiguration Algorithms for Cubic Modular Robots with Realistic Movement Constraints*
10:00-10:20	Eliot Robson and Sariel Har-Peled. *No-Dimensional Tverberg Partitions Revisited*
10:30-11:00	Coffee
11:00-11:50	Session 7: Invited Talk (Greg Bodwin) Chair: *Michał Pilipczuk*
11:00-11:50	Greg Bodwin. *Turán-type problems in Theoretical Computer Science*
11:50-12:30	Session 8: Approximation Chair: *Michał Pilipczuk*
11:50-12:10	Seyed Parsa Darbouy and Zachary Friggstad. *Approximating Minimum Sum Coloring with Bundles*
12:10-12:30	Benjamin Rockel-Wolff. *A Fast 3-Approximation for the Capacitated Tree Cover Problem with Edge Loads*
12:30-13:40	Lunch
13:40-15:00	Session 9: Parameterized Algorithms Chair: *Bart Jansen*
13:40-14:00	Michael Levet, Puck Rombach and Nicholas Sieger. *Canonizing Graphs of Bounded Rank-Width in Parallel via Weisfeiler--Leman*
14:00-14:20	Daniel Mock and Peter Rossmanith. *Solving a Family of Multivariate Optimization and Decision Problems on Classes of Bounded Expansion*
14:20-14:40	Matthew Johnson, Barnaby Martin, Daniël Paulusma, Sukanya Pandey, Siani Smith and Erik Jan van Leeuwen. *Edge Multiway Cut and Node Multiway Cut Are Hard for Planar Subcubic Graphs*
14:40-15:00	Lora Bailey, Heather Blake, Garner Cochran, Nathan Fox, Michael Levet, Reem Mahmoud, Inne Singgih, Grace Stadnyk and Alexander Wiedemann. *Pairwise Rearrangement Is Fixed-Parameter Tractable in the Single Cut-and-Join Model*
15:00-15:30	Coffee
15:30-16:50	Session 10: Graphs Chair: *Karen Aardal*
15:30-15:50	Christian Ortlieb and Jens Schmidt. *Toward Grünbaum's Conjecture*
15:50-16:10	Therese Biedl, Prosenjit Bose and Babak Miraftab. *On the Independence Number of 1-Planar Graphs*
16:10-16:30	Anand Louis, Rameesh Paul and Arka Ray. *Sparse Cuts in Hypergraphs from Random Walks on Simplicial Complexes*
16:30-16:50	Cristina Bazgan, André Nichterlein and Sofia Vazquez Alferez. *Destroying Densest Subgraphs Is Hard*
19:00-	Conference dinner on the island of Suomenlinna in the officer's club. (Public Transportation tickets in registration package.)

	Friday, June 14th
09:00-10:20	Session 11: Data Structures Chair: *Gerth Stølting Brodal*
09:00-09:20	Philip Bille, Yakov Nekrich and Solon Pissis. *Size-Constrained Weighted Ancestors with Applications*
09:20-09:40	Idan Shabat and Ofer Neiman. *Path-Reporting Distance Oracles with Linear Size*
09:40-10:00	Girish Balakrishnan, Sankardeep Chakraborty, N S Narayanaswamy and Kunihiko Sadakane. *Succinct Data Structure for Chordal Graphs with Bounded Vertex Leafage*
10:00-10:20	Stav Ashur and Sariel Har-Peled. *Local Spanners Revisited*
10:30-11:00	Coffee
11:00-11:50	Session 12: Invited Talk (Michał Pilipczuk) Chair: *Per Austrin*
11:00-11:50	Michał Pilipczuk. *Well-structured graphs through the lens of logic*
11:50-12:30	Session 13: Parameterized Algorithms Chair: *Tuukka Korhonen*
11:50-12:10	Bart M. P. Jansen and Ruben F. A. Verhaegh. *Search-Space Reduction via Essential Vertices Revisited: Vertex Multicut and Cograph Deletion*
12:10-12:30	Naonori Kakimura and Ildikó Schlotter. *Parameterized Complexity of Submodular Minimization Under Uncertainty*
12:30-13:40	Lunch
13:40-15:00	Session 14: Online Algorithms and Geometric Graphs Chair: *Petteri Kaski*
13:40-14:00	Joan Boyar, Shahin Kamali, Kim S. Larsen, Ali Mohammad Lavasani, Yaqiao Li and Denis Pankratov. *On the Online Weighted Non-Crossing Matching Problem*
14:00-14:20	Magnus Berg and Shahin Kamali. *Online Bin Covering with Frequency Predictions*
14:20-14:40	Akanksha Agrawal, Sergio Cabello, Michael Kaufmann, Saket Saurabh, Roohani Sharma, Yushi Uno and Alexander Wolff. *Eliminating Crossings in Ordered Graphs*
14:40-15:00	Gaétan Berthe, Marin Bougeret, Daniel Gonçalves and Jean-Florent Raymond. *Subexponential Algorithms in Geometric Graphs via the Subquadratic Grid Minor Property: The Role of Local Radius*
15:00-15:30	Coffee
15:30-16:30	Session 15: Graph Algorithms and Colouring Chair: *Jukka Suomela*
15:30-15:50	Robert Barish and Tetsuo Shibuya. *Recognition and Proper Coloring of Unit Segment Intersection Graphs*
15:50-16:10	Aleksander Bjørn Grodt Christiansen, Eva Rotenberg and Juliette Marie Victoire Vlieghe. *Sparsity-Parameterised Dynamic Edge Colouring*
16:10-16:30	Sayan Bhattacharya, Martin Costa, Nadav Panski and Shay Solomon. *Arboricity-Dependent Algorithms for Edge Coloring*