MON. 6th	Room 1	Room 2	Room 3	Room 4
12:30	Welcoming ESA & ALGOCLOUD (Auditorium)			
13:00	ESA Track A: Graph algorithms chair: Édouard Bonnet	ESA Track A: Scalable algorithms chair: Benjamin Doerr	ESA Track A: Computationally hard problems chair: Holger Dell	ALGOCLOUD Session 1
	Michał Dębski, Marta Piecyk and Paweł Rzążewski: **Faster 3-coloring of small-diameter graphs**	Claire Mathieu and Hang Zhou: **A Simple Algorithm for Graph Reconstruction**	Jana Cslovjecsek, Friedrich Eisenbrand, Michał Pilipczuk, Moritz Venzin and Robert Weismantel: **Efficient sequential and parallel algorithms for multistage stochastic integer programming using proximity**	Shahin Kamali and Pooya Nikbakht. **On the Fault-Tolerant Online Bin Packing Problem**
	Katarzyna Paluch and Mateusz Wasylkiewicz: **Restricted t-matchings via half-edges**	Panagiotis Charalampopoulos, Tomasz Kociumaka, Solon Pissis and Jakub Radoszewski: **Faster Algorithms for Longest Common Substring**	Leon Kellerhals, Malte Renken and Philipp Zschoche: **Parameterized Algorithms for Diverse Multistage Problems**	Léonard Lys, Arthur Micoulet and Maria Potop-Butucaru. **R-SWAP: Relay based atomic cross-chain swap protocol**
	Éric Colin de Verdière and Thomas Magnard: **An FPT algorithm for the embeddability of graphs into two-dimensional simplicial complexes**	Krzysztof Potępa: **Faster Deterministic Modular Subset Sum**	Marek Cygan, Alexander Kulikov, Ivan Mihajlin, Maksim Nikolaev and Grigory Reznikov: **Minimum Common String Partition: Exact Algorithms**	Matthew Connor. Brief Announcement: **On the Distributed Construction of Stable Networks in Polylogarithmic Parallel Time**
14:15	break 15 min and posters session			
14:30	ESA Track A: Graph algorithms chair: Édouard Bonnet	ESA Track A: Optimization chair: Ilan Cohen	ESA Track A: Orientations and representatives chair: Jakub Łącki	ALGOCLOUD Tutorial
	Thomas Bläsius, Tobias Friedrich and Maximilian Katzmann: **Efficiently Approximating Vertex Cover on Scale-Free Networks with Underlying Hyperbolic Geometry**	Lin Chen, Hossein Esfandiari, Thomas Fu, Vahab Mirrokni and Qian Yu: **Feature Cross Search via Submodular Optimization**	Michael A. Bender, Tsvi Kopelowitz, William Kuszmaul, Ely Porat and Clifford Stein: **Incremental Edge Orientation in Forests**	Tutorial with Stefan Schmid: **Self-Adjusting Networks: Enablers, Algorithms, Complexity**
	Eden Pelleg and Stanislav Živný: **Additive Sparsification of CSPs**	Yaron Fairstein, Ariel Kulik and Hadas Shachnai: **Modular and Submodular Optimization with Multiple Knapsack Constraints via Fractional Grouping**	Therese Biedl, Anna Lubiw, Anurag Murty Naredla, Peter Dominik Ralbovsky and Graeme Stroud: **Distant Representatives for Rectangles in the Plane**	
	Benoit Larose, Petar Marković, Barnaby Martin, Daniel Paulusma, Siani Smith and Stanislav Živný: **QCSP on Reflexive Tournaments**	Marilena Leichter, Benjamin Moseley and Kirk Pruhs: **An Efficient Reduction of a Gammoid to a Partition Matroid**	Evripidis Bampis, Christoph Dürr, Thomas Erlebach, Murilo S. de Lima, Nicole Megow and Jens Schlöter: **Orienting (hyper)graphs under explorable stochastic uncertainty**	
15:45	break 15 min and posters session			
16:00	Keynote ESA : AARON ROTH (Auditorium) **A User Friendly Power Tool for Deriving Online Learning Algorithms**			
17:00	break 15 min			
17:15	ESA Best Papers Session chairs: Petra Mutzel, Rasmus Pagh and Hannah Bast			ALGOCLOUD Tutorial
	Track A best student paper: Wojciech Nadara, Mateusz Radecki, Marcin Smulewicz and Marek Sokołowski: **Determining 4-edge-connected components in linear time**	Track B best student paper: Florian Wörz and Jan-Hendrik Lorenz: **Evidence for Long-Tails in SLS Algorithms**		Tutorial with Amitabh Trehan: **Self-healing Distributed Algorithms**
	Track A best paper: Zhiyang He, Jason Li and Magnus Wahlström: **Near-linear-time, Optimal Vertex Cut Sparsifiers in Directed Acyclic Graphs**			
	Track B best paper: Simon D. Fink, Matthias Pfretzschner and Ignaz Rutter: **Experimental Comparison of PC-Trees and PQ-Trees**			
18:30	ESA Test-of-Time Award: Rasmus Pagh, Flemming Friche Rodler **Cuckoo Hashing**			end of the day
18:55	end of the day			

TUE. 7th	Room 1	Room 2	Room 3	Room 4
13:00	ESA Track B: Graphs chair: Andrea Marino	ESA Track A: Space-efficient data structures chair: Rasmus Pagh	ESA Track A: Parameterized algorithms chair: Akanksha Agrawal	ALGOCLOUD Keynote
	Saman Ahmadi, Guido Tack, Daniel Harabor and Philip Kilby: **Bi-objective Search with Bi-directional A***	Moses Ganardi: **Compression by Contracting Straight-Line Programs**	Katrin Casel, Tobias Friedrich, Davis Issac, Aikaterini Niklanovits and Ziena Zeif: **Balanced Crown Decomposition for Connectivity Constraints**	Keynote ALGOCLOUD : CHRISTIAN SCHEIDELER (Auditorium): **Cloud-Assisted Peer-to-Peer Systems**
	Thomas Bläsius, Tobias Friedrich and Christopher Weyand: **Efficiently Computing Maximum Flows in Scale-Free Networks**	Ian Munro, Patrick K. Nicholson, Louisa Seelbach Benkner and Sebastian Wild: **Hypersuccinct Trees – New universal tree source codes for optimal compressed tree data structures and range minima**	Daniel Neuen: **Isomorphism Testing Parameterized by Genus and Beyond**	
	Lars Gottesbüren, Tobias Heuer, Peter Sanders, Christian Schulz and Daniel Seemaier: **Deep Multilevel Graph Partitioning**	Davide Bilò, Sarel Cohen, Tobias Friedrich and Martin Schirneck: **Near-Optimal Deterministic Single-Source Distance Sensitivity Oracles**	Radu Curticapean, Holger Dell and Thore Husfeldt: **Modular counting of subgraphs: Matchings, matching-splittable graphs, and paths**	
14:15	break 15 min and posters session			
14:30	ESA Track B: Optimization chair: Petra Berenbrink	ESA Track A: Dynamic data structures chair: Gramoz Goranci	ESA Track A: On-line algorithms chair: Pierre Fraigniaud	ALGOCLOUD Tutorial
	Markus Anders and Pascal Schweitzer: **Parallel Computation of Combinatorial Symmetries**	Sepehr Assadi and Shay Solomon: **Fully Dynamic Set Cover via Hypergraph Maximal Matching: An Optimal Approximation Through a Local Approach**	Sujoy Bhore and Csaba Toth: **Online Euclidean Spanners**	Tutorial with Maria Potop-Butucaru: **Gaming the Decentralized Finance**
	Kolja Junginger, Ioannis Mantas, Evanthia Papadopoulou, Martin Suderland and Chee Yap: **Certified Approximation Algorithms for the Fermat Point and n-Ellipses**	Hendrik Fichtenberger, Monika Henzinger and Wolfgang Ost: **Differentially Private Algorithms for Graphs Under Continual Observation**	Nikhil Ayyadevara and Ashish Chiplunkar: **The Randomized Competitive Ratio of Weighted k-Server is at Least Exponential**	
		Aaron Bernstein, Aditi Dudeja and Seth Pettie: **Incremental SCC Maintenance in Sparse Graphs**	Thomas Lavastida, Benjamin Moseley, R. Ravi and Chenyang Xu: **Learnable and Instance-Robust Predictions for Online Matching, Flows and Load Balancing**	
15:45	break 15 min and posters session			
16:00	Keynote ESA : FRAUKE LIERS (Auditorium) **Network Planning and Routing Problems Over Time: Models, Complexity and Algorithms**			
17:00	break 15 min			
17:15	ESA Track B: Data structures chair: Gerth Brodal	ESA Track A: Quantum algorithms chair: Simon Apers	ESA Track A: Game theory chair: Chaitanya Swamy	ALGOCLOUD Session 2
	Peter Sanders, Marvin Williams and Roman Dementiev: **Engineering MultiQueues: Fast Relaxed Concurrent Priority Queues**	Yassine Hamoudi: **Quantum Sub-Gaussian Mean Estimator**	Ryoga Mahara: **Extension of Additive Valuations to General Valuations on the Existence of EFX**	Bugra Caskurlu, Utku Acikalin, Piotr Wojciechowski and K. Subramani. **New Results on Test-Cost Minimization in Database Migration**
	David Lee, Samuel McCauley, Shikha Singh and Max Stein. **Telescoping Filter: A Practical Adaptive Filter**	Ojas Parekh and Kevin Thompson: **Beating Random Assignment for Approximating Quantum 2-Local Hamiltonian Problems**	Alexander Braun, Matthias Buttkus and Thomas Kesselheim: **Asymptotically Optimal Welfare of Posted Pricing for Multiple Items with MHR Distributions**	Anna Katharina Hildebrandt, Ernst Althaus and Andreas Hildebrandt. **Privately querying Privacy: privacy estimation with guaranteed privacy of user and database party**
18:05	break 15 min and posters session			
18:20	ESA Track B: Strings chair: Henning Meyerhenke	ESA Track A: Geometric data structures chair: Laxman Dhulipala	ESA Track A: Optimization chair: Omri Weinstein	ALGOCLOUD Business meeting
	Nico Bertram, Jonas Ellert and Johannes Fischer: **Lyndon Words Accelerate Suffix Sorting**	Jean Cardinal, John Iacono and Grigorios Koumoutsos: **Worst-Case Efficient Dynamic Geometric Independent Set**	Daniel Lokshtanov, Subhash Suri and Jie Xue: **Efficient Algorithms for Least Square Piecewise Polynomial Regression**	ALGOCLOUD Business Meeting
	Dominik Kempa and Ben Langmead: **Fast and Space-Efficient Construction of AVL Grammars from the LZ77 Parsing**	Timothy M. Chan and Zhengcheng Huang: **Dynamic Colored Orthogonal Range Searching**	Daniel Dadush, Zhuan Khye Koh, Bento Natura and László A. Végh: **An Accelerated Newton-Dinkelbach Method and its Application to Two Variables Per Inequality Systems**	
	Grigorios Loukides and Solon Pissis: **Bidirectional String Anchors: a New String Sampling Mechanism**	Younan Gao and Meng He: **Space Efficient Two-Dimensional Orthogonal Colored Range Counting**	Yishu Wang, Arnaud Mary, Marie-France Sagot and Blerina Sinaimeri: **A general framework for enumerating equivalence classes of solutions**	
19:35	end of the day			

WED. 8th	Room 1	Room 2	Room 3	Room 4
12:30	Welcoming IPEC (Auditorium)			
13:00	Keynote IPEC : FRANK STEPHAN & BAKHADYR KHOUSSAINOV (Auditorium) **Parity Games - Background and Algorithms**			
14:00	break 15 min			
14:15	ESA Track A: Graph algorithms chair: Christos Zaroliagis	ESA Track A: Computational geometry chair: Jeff Phillips	ESA Track A: Sublinear algorithms chair: Clément Canonne	IPEC Session 1
	Zdenek Dvorak and Abhiruk Lahiri: **Approximation schemes for bounded distance problems on fractionally treewidth-fragile graphs**	Jean Cardinal, Justin Dallant and John Iacono: **An Instance-optimal Algorithm for Bichromatic Rectangular Visibility**	Hu Ding: **Stability Yields Sublinear Time Algorithms for Geometric Optimization in Machine Learning**	Huib Donkers, Bart M. P. Jansen and Michal Wlodarczyk. **Preprocessing for Outerplanar Vertex Deletion: An Elementary Kernel of Quartic Size**
	Maor Akav and Liam Roditty: **A unified approach for all pairs approximate shortest paths in weighted undirected graphs**	Carlos Alegría, Ioannis Mantas, Evanthia Papadopoulou, Marko Savić, Hendrik Schrezenmaier, Carlos Seara and Martin Suderland: **The Voronoi Diagram of Rotating Rays with applications to Floodlight Illumination**	Mark de Berg, Morteza Monemizadeh and Yu Zhong: **k-Center Clustering with Outliers in the Sliding-Window Model**	Akanksha Agrawal, Aditya Anand and Saket Saurabh. **A Polynomial Kernel for deletion to Ptolemaic Graphs**
	Timothy M. Chan: **All-Pairs Shortest Paths for Real-Weighted Undirected Graphs with Small Additive Error**	Anna Lubiw and Anurag Murty Naredla: **The Visibility Center of a Simple Polygon**	Sepehr Assadi, Deeparnab Chakrabarty and Sanjeev Khanna: **Graph Connectivity and Single Element Recovery via Linear and OR Queries**	Lawqueen Kanesh, Jayakrishnan Madathil, Abhishek Sahu, Saket Saurabh and Shaily Verma. **A Polynomial Kernel for Bipartite Permutation Vertex Deletion**
15:30	break 15 min and posters session			
15:45	ESA Track A: Flows and cuts chair: Jason Li	ESA Track A: Computational geometry chair: Zac Friggstad	ESA Track A: Hardness results chair: Marvin Künnemann	IPEC Session 2
	William Maxwell and Amir Nayyeri: **Generalized max-flows and min-cuts in simplicial complexes**	Sariel Har-Peled and Timothy Zhou: **Improved Approximation Algorithms for Tverberg Partitions**	Pavel Dvořák, Michal Koucký, Karel Král and Veronika Slívová: **Data Structures Lower Bounds and Popular Conjectures**	Maël Dumas, Anthony Perez and Ioan Todinca. **Polynomial kernels for strictly chordal edge modification problems**
	Evangelos Kosinas, Loukas Georgiadis and Giuseppe F. Italiano: **Computing the 4-Edge-Connected Components of a Graph in Linear Time**	Alejandro Flores-Velazco and David Mount: **Boundary-Sensitive Approach for Approximate Nearest-Neighbor Classification**	David Caballero, Timothy Gomez, Robert Schweller and Tim Wylie: **Covert Computation in Staged Self-Assembly: Verification is PSPACE-complete**	Gabriel Bathie, Nicolas Bousquet and Théo Pierron. **(Sub)linear kernels for edge modification problems towards structured graph classes**
	Karthekeyan Chandrasekaran and Weihang Wang: **ℓ_p-norm Multiway Cut**	Jasper C.H. Lee, Jerry Li, Christopher Musco, Jeff Phillips and Wai Ming Tai: **Finding an Approximate Mode of a Kernel Density Estimate**	Jakub Radoszewski, Wojciech Rytter, Juliusz Straszyński, Tomasz Waleń and Wiktor Zuba: **Hardness of Detecting Abelian and Additive Square Factors in Strings**	Yixin Cao and Yuping Ke. **Improved Kernels for Edge Modification Problems**
17:00	break 15 min and posters session			
17:15	ESA Track A: Graph algorithms chair: Zac Friggstadis	ESA Track A: Optimization and scheduling chair: Frances Rosamond		IPEC Session 3
	Thomas Bläsius, Simon D. Fink and Ignaz Rutter: **Synchronized Planarity with Applications to Constrained Planarity Problems**	Tomas Martinez-Munoz and Andreas Wiese: **FPT and FPT-approximation algorithms for Unsplittable Flow on Trees**		Alejandro Grez, Filip Mazowiecki, Michał Pilipczuk, Gabriele Puppis and Cristian Riveros. **Dynamic data structures for timed automata acceptance**
	Boris Klemz: **Convex drawings of hierarchical graphs in linear time, with applications to planar graph morphing**	Fabrizio Grandoni, Tobias Mömke and Andreas Wiese: **Faster (1+epsilon)-approximation for Unsplittable Flow on a Path via resource augmentation and back**		Max Bannach, Zacharias Heinrich, Ruediger Reischuk and Till Tantau. **Dynamic Kernels for Hitting Sets and Set Packing**
	Ramanujan M. Sridharan: **On Approximate Compressions for Connected Minor-hitting Sets**	Klaus Jansen and Malin Rau: **Closing the gap for single resource constraint scheduling**		Vít Jelínek, Michal Opler and Jakub Pekárek. **Long paths make pattern-counting hard, and deep trees make it harder**
	Joergen Bang-Jensen, Kristine Vitting Klinkby and Saket Saurabh: **k-Distinct Branchings Admits a Polynomial Kernel**	Guillaume Sagnol and Daniel Schmidt Genannt Waldschmidt: **Restricted Adaptivity in Stochastic Scheduling**		Julio Araujo, Marin Bougeret, Victor A. Campos and Ignasi Sau. **A new framework for kernelization lower bounds: the case of Maximum Minimal Vertex Cover**
18:55	break 15 min and posters session			
19:10	ESA Business meeting			IPEC Award session
20:10	end of the day			

THU. 9th	Room 1	Room 2	Room 3	Room 4
12:30	Welcoming ATMOS, WAOA and ALGOSENSORS (Auditorium)			
13:00	ALGOSENSORS Keynote : BERNHARD HAEUPLER (Auditorium) **Universally-Optimal Distributed Algorithms, (Congestion+Dilation)-Competitive Oblivious Routing, and Hop-Constrained Network Design**			
	break 15 min			
14:15	ATMOS Session 1	WAOA Session 1 chair: Britta Peis	ALGOSENSORS Session 1: Distributed algorithms chair: Thomas Erlebach	IPEC Session 4
	Niels Lindner, Christian Liebchen and Berenike Masing: **Forward Cycle Bases and Periodic Timetabling**	Waldo Gálvez, Francisco Sanhueza-Matamala and José A. Soto: **Approximation Algorithms for Vertex-Connectivity Augmentation on the Cycle**	Louis Esperet, Sébastien Julliot and Arnaud de Mesmay: **Distributed coloring and the local structure of unit-disk graphs**	Laurent Bulteau, Bertrand Marchand and Yann Ponty. **A new parametrization for independent set reconfiguration and applications to RNA kinetics**
	Marc Goerigk, Anita Schöbel and Felix Spühler: **A Phase I Simplex Method for Finding Feasible Periodic Timetables**	Václav Blažej, Pratibha Choudhary, Dušan Knop, Jan Matyáš Křišťan, Ondrej Suchy and Tomáš Valla: **Constant Factor Approximation for Tracking Paths and Fault Tolerant Feedback Vertex Set**	Thorsten Götte, Christina Kolb, Christian Scheideler and Julian Werthmann: **Beep And Sleep: Message and Energy Efficient SetCover**	Hans L. Bodlaender, Carla Groenland and Céline M. F. Swennenhuis. **Parameterized Complexities of Dominating and Independent Set Reconfiguration**
	Vera Grafe and Anita Schöbel: **Solving the periodic scheduling problem: An assignment approach in non-periodic networks**	Hao Sun: **An Improved Approximation Bound for Minimum Weight Dominating Set on Graphs of Bounded Arboricity**	Mikhail Raskin: **Population protocols with unreliable communication**	Andreas Emil Feldmann and Ashutosh Rai. **On Extended Formulations for Parameterized Steiner Trees**
	break 15 min	break 15 min and posters session		
15:45	ATMOS Session 2	WAOA Session 2 chair: Vera Traub	ALGOSENSORS Session 2: Gathering chair: Tomasz Radzik	IPEC Session 5
	Matthias Müller-Hannemann, Ralf Rückert, Alexander Schiewe and Anita Schöbel: **Towards Improved Robustness of Public Transport by a Machine-Learned Oracle**	Szymon Dudycz, Pasin Manurangsi and Jan Marcinkowski: **Tight Inapproximability of Minimum Maximal Matching on Bipartite Graphs and Related Problems**	Quentin Bramas, Anissa Lamani and Sebastien Tixeuil: **Stand Up Indulgent Gathering**	Shaohua Li and Marcin Pilipczuk. **Hardness of Metric Dimension in Graphs of Constant Treewidth**
	Syu-Ning Johnn, Yiran Zhu, Andrés Miniguano-Trujillo and Akshay Gupte: **Solving the Home Service Assignment, Routing, and Appointment scheduling (H-SARA) problem with Uncertainties**	Toshihiro Fujito and Takumi Tatematsu: **On b-Matchings and b-Edge Dominating Sets: A 2-Approximation Algorithm for the 4-Edge Dominating Set Problem**	Jannik Castenow, Jonas Harbig, Daniel Jung, Till Knollmann and Friedhelm Meyer auf der Heide: **Gathering a Euclidean Closed Chain of Robots in Linear Time** (best paper + best student paper)	Guillaume Ducoffe. **Maximum Matching in almost linear time on the graphs of bounded clique-width**
	Daniela Gaul, Kathrin Klamroth and Michael Stiglmayr: **Solving the Dynamic Dial-a-Ride Problem Using a Rolling-Horizon Event-Based Graph**	Dylan Huizing and Guido Schäfer: **The Traveling k-Median Problem: Approximating Optimal Network Coverage**		Guillaume Ducoffe. **Optimal centrality computations within bounded clique-width graphs**
	break 15 min	break 15 min and posters session		
17:15	WAOA keynote : DANIEL LOKSHTANOV (Auditorium) **How to Navigate Through Obstacles (and How to Place Them)** chair: Jochen Könemann			
18:30	ATMOS Session 3: chairs: Matthias Müller-Hannemann and Federico Perea	WAOA Session 3 chair: Hung Le	ALGOSENSORS Business meeting chair: Tomasz Radzik	IPEC business meeting
	Robert Benkoczi, Binay Bhattacharya, Yuya Higashikawa, Tsunehiko Kameda, Naoki Katoh and Junichi Teruyama: **Locating Evacuation Centers Optimally in Path and Cycle Networks**	G. Jaykrishnan and Asaf Levin: **EPTAS for Load Balancing Problem on Parallel Machines with a Non-renewable Resource**	Business meeting	Business meeting
	Diptendu Chatterjee and Bimal K. Roy: **An Improved Scheduling Algorithm for Traveling Tournament Problem with Maximum Trip Length Two**	Leah Epstein: **Several methods of analysis for cardinality constrained bin packing**		
19:20	break 10 min	end of the day		
19:30	ATMOS Business meeting and BestPaper Award			
20:00	end of the day			

FRI. 10th	Room 1	Room 2	Room 3	Room 4
13:00	ATMOS Session 4	WAOA Session 4 chair: Jarek Byrka	ALGOSENSORS Session 3: Admission control & Programmable matter chair: Giuseppe Antonio Di Luna	IPEC Tutorial Session 6
	Peter Damaschke: **Distance-based Solution of Patrolling Problems with Individual Waiting Times**	Ilan Cohen, Izack Cohen and Iyar Zaks: **Weighted completion time minimization for capacitated parallel machines**	Assaf Rabinowitz and Dror Rawitz: **Overflow Management with Self-Eliminations**	Tutorial with Édouard Bonnet **Twin-width**
	Marco Silva, Joao Pedro Pedroso, Ana Viana and Xenia Klimentova: **A branch-price-and-cut algorithm for stochastic crowd shipping last-mile delivery with correlated marginals**	Marten Maack, Friedhelm Meyer Auf der Heide and Simon Pukrop: **Server Cloud Scheduling**	Abdullah Almethen, Othon Michail and Igor Potapov: **Distributed Transformations of Hamiltonian Shapes based on Line Moves**	
	Elia Costa and Francesco Silvestri: **On the Bike Spreading Problem**	B.Tauer, and L. Vargas Koch: **FIFO and Randomized Competitive Packet Routing Games**	Matthew Connor, Othon Michail and Igor Potapov: **Centralised Connectivity-Preserving Transformations for Programmable Matter: A Minimal Seed Approach**	
	break 15 min	break 15 min and posters session		
14:30	ATMOS Session 5	WAOA Session 5 chair: Andreas Feldmann	ALGOSENSORS Session 4: Search & Evacuation chair: Petra Berenbrink	IPEC Session 7
	Guvenc Sahin, Amin Ahmadi Digehsara and Ralf Borndörfer: **Efficient Algorithms for the Multi-Period Line Planning Problem in Public Transportation** (short paper)	Jeff Giliberti and Andreas Karrenbauer: **Improved Online Algorithm for Fractional Knapsack in the Random Order Model**	Konstantinos Georgiou, Sean Leizerovich, Jesse Lucier and Somnath Kundu: **Evacuating from ell-p Unit Disks in the Wireless Model**	Édouard Bonnet, Eun Jung Kim, Amadeus Reinald, Stéphan Thomassé and Rémi Watrigant. **Twin-width and polynomial kernels**
	Hector Gatt, Jean-Marie Freche, Fabien Lehuede and Thomas Yeung: **A column generation-based heuristic for the Line Planning Problem with Service Levels** (short paper)	Yann Disser, Max Klimm and David Weckbecker: **Fractionally Subadditive Maximization under an Incremental Knapsack Constraint**	Nikos Leonardos, Aris Pagourtzis and Ioannis Papaioannou: **Byzantine Fault Tolerant Symmetric-Persistent Circle Evacuation**	Jakub Balabán and Petr Hlineny. **Twin-Width is Linear in the Poset Width**
	Natividad González-Blanco, Antonio J. Lozano, Juan A. Mesa and Vladimir Marianov: **An integrated model for rapid and slow transit network design** (short paper)	Marcin Bienkowski, Martin Böhm, Martin Koutecký, Thomas Rothvoß, Jiří Sgall and Pavel Veselý: **Improved Analysis of Online Balanced Clustering**		Dennis Fischer, Tim A. Hartmann, Stefan Lendl and Gerhard J. Woeginger. **An Investigation of the Recoverable Robust Assignment Problem**
	break 15 min	break 15 min and posters session		
16:00	ATMOS keynote : ANITA SCHÖBEL (Auditorium) **Approaches for integrated planning: The case of public transport optimization**			
	break 15 min			
17:15	ATMOS Session 6	WAOA Session 6 chair: Jochen Könemann		IPEC Session 8
	Daniel Chen, Christian Sommer and Daniel Wolleb: **Fast Map Matching with Vertex-Monotone Fréchet Distance**	Stavros Kolliopoulos and Antonis Skarlatos: **Precedence-Constrained Covering Problems with Multiplicity Constraints**		Haozhe An, Mohit Jayanti Gurumukhani, Russell Impagliazzo, Michael Jaber, Marvin Künnemann and Maria Paula Parga Nina. **The fine-grained complexity of multi-dimensional ordering properties**
	Payas Rajan, Moritz Baum, Michael Wegner, Tobias Zündorf, Christian West, Dennis Schieferdecker and Daniel Delling: **Robustness Generalizations of the Shortest Feasible Path Problem for Electric Vehicles**	Nikhil Bansal and Ilan Cohen: **Contention Resolution, Matrix Scaling and Fair Allocation**		Akanksha Agrawal, Ravi Kiran Allumalla and Varun Teja Dhanekula. **Refuting FPT Algorithms for Some Parameterized Problems Under Gap-ETH**
	Vassilissa Lehoux-Lebacque and Christelle Loiodice: **Transfer customization with the Trip-Based Public Transit Routing Algorithm**			Hugo Jacob, Thomas Bellitto, Oscar Defrain and Marcin Pilipczuk. **Close relatives (of Feedback Vertex Set), revisited**
	break 15 min	break 15 min and posters session		break 15 min and posters session
18:45	ATMOS Session 7 chair: Matthias Müller-Hannemann			IPEC Session 9
	Niels Lindner, Pedro Maristany de las Casas and Philine Schiewe: **Optimal Forks: Preprocessing Single-Source Shortest Path Instances with Interval Data**			Igor Razgon: **Classification of OBDD size for monotone 2-CNFs**
	Carlo S. Sartori, Pieter Smet and Greet Vanden Berghe: **Efficient duration-based workload balancing for interdependent vehicle routes**			Vikraman Arvind and Venkatesan Guruswami. **CNF Satisfiability in a Subspace and Related Problems**
				Elisabet Burjons and Peter Rossmanith. **Lower Bounds for Conjunctive and Disjunctive Turing Kernels**
20:25	end of the day			end of the day