

Tuesday July 5, morning

Tuesday 8h30–9h35, Invited speaker 1

	Amphitheatre 1A <i>chair David Woodruff</i>
8h30	<i>Welcome words</i>
8h35	<u>Santosh Vempala</u> <i>The Manifold Joys of Sampling in High Dimension</i>

Tuesday 10h00–12h05, Paper session 1

	Amphitheatre 1A Graph algorithms <i>chair Nikhil Bansal</i>	Amphitheatre 4C Games and verification <i>chair Sylvain Schmitz</i>	Amphitheatre 9E Sketching and streaming <i>chair Frédéric Magniez</i>	Amphitheatre 10E Coding theory <i>chair Fabrizio Grandoni</i>
10h00	S. Forster and T. de Vos <i>Faster Cut Sparsification of Weighted Graphs</i>	L. Brice, J.-F. Raskin, and M. V. D. Bogaard <i>The complexity of SPEs in Mean-payoff Games</i>	A. Rubinfeld and J. Zhao <i>Maximizing Non-Monotone Submodular Functions over Small Subsets: Beyond 1/2-Approximation</i>	T. Yankovitz and G. Cohen <i>LCC and LDC: Tailor-made Distance Amplification and a Refined Separation</i>
10h25	T. Zhang <i>Faster Cut-Equivalent Trees in Simple Graphs</i>	B. Bordais, D. Busatto-Gaston, S. Guha, and J.-F. Raskin <i>Strategy Synthesis for Global Window PCTL</i>	M. Feldman, P. Liu, A. Norouzi-Fard, O. Svensson, and R. Zenklusen <i>Streaming Submodular Maximization under Matroid Constraints</i>	N. Resch and C. Yuan <i>Threshold Rates of Code Ensembles: Linear is Best</i>
10h50	M. Deng, Y. Kirkpatrick, V. Rong, V. V. Williams, and Z. Zhong <i>New Additive Approximations for Shortest Paths and Cycles</i>	H. Gimbert, C. Mascle, A. Muscholl, and I. Walukiewicz <i>Distributed Controller Synthesis for Deadlock Avoidance</i>	A. Czumaj, S. H.-C. Jiang, R. Krauthgamer, and P. Veselý <i>Streaming Algorithms for Geometric Steiner Forest</i>	D. Doron and M. Wootters <i>High-Probability List-Recovery, and Applications to Heavy Hitters</i>
11h15	C. Brosse, V. Limouzy, and A. Mary <i>Polynomial Delay Algorithm for Minimal Chordal Completions</i>	X. Allamigeon, S. Gaubert, R. D. Katz, and M. Skomra <i>Universal Complexity Bounds Based on Value Iteration and Application to Entropy Games</i>	M. Charikar and E. Waingarten <i>Polylogarithmic Sketches for Clustering</i>	I. Rubinfeld <i>Explicit and Efficient Construction of (nearly) Optimal Rate Codes for the Binary Deletion Channel and the Poisson Repeat Channel</i>
11h40	K. Majewski, T. Masařík, J. Novotná, K. Okrasa, M. Pilipczuk, P. Rzażewski, and M. Sokołowski <i>Max Weight Independent Set in Graphs with no Long Claws: An Analog of the Gyárfás' Path Argument</i>	N. Bertrand, N. Markey, O. Sankur, and N. Waldburger <i>Parameterized Safety Verification of Round-based Shared-memory Systems</i>	A. Deshpande and R. Prasad <i>One-pass Additive-error Subset Selection for ℓ_p Subspace approximation</i>	Z. Lu, I. Oliveira, and M. Zimand <i>Optimal Coding Theorems in Time-Bounded Kolmogorov Complexity</i>

Tuesday July 5, afternoon

Tuesday 14h00–15h00, Invited speaker 2

	Amphitheatre 1A <i>chair Virginia Vassilewska</i>
14h00	<u>Leslie Ann Goldberg</u> <i>Some new (and old) Results on Contention Resolution</i>

Tuesday 15h30–17h10, Paper session 2

	Amphitheatre 1A Quantum <i>chair Sevag Gharibian</i>	Amphitheatre 4C Computability and dynamic systems <i>chair Dmitry Chistikov</i>	Amphitheatre 9E Reconstruction problems <i>chair Aviad Rubinstein</i>	Amphitheatre 10E Game theory, networks, and distributed <i>chair Nikhil Bansal</i>
15h30	C.-N. Chou, P. Love, J. Shi, and <u>J. S. Sandhu</u> <i>Limitations of Local Quantum Algorithms on Random MAX-k-XOR and Beyond</i>	<u>D. E. Amir</u> and M. Hoyrup <i>Computability of Finite Simplicial Complexes</i>	<u>J. Diaz</u> , V. Dani, C. Moore, and T. Hayes <i>Improved Reconstruction of Random Geometric Graphs</i>	W. Kuszmaul and <u>S. Narayanan</u> <i>Optimal Time-Backlog Tradeoffs for the Variable-Processor Cup Game</i>
15h55	P. Yao, Y. Yin, and <u>X. Zhang</u> <i>Polynomial-Time Approximation of Zero-Free Partition Functions</i>	<u>D. Stull</u> <i>The Dimension Spectrum Conjecture for Planar Lines</i>	A. McGregor and <u>R. Sengupta</u> <i>Graph Reconstruction from Random Subgraphs</i>	A. Berger, W. Kuszmaul, <u>A. Polak</u> , J. Tidor, and N. Wein <i>Memoryless Worker-Task Assignment with Polylogarithmic Switching Cost</i>
16h20	J. Radhakrishnan, S. Dhamapurkar, and <u>S. Pawar</u> <i>Set Membership with Two Classical and Quantum Bit Probes</i>	V. Salo and <u>I. Törmä</u> <i>What can Oracles Teach us about the Ultimate Fate of Life?</i>	A. Kumar, A. Louis, and <u>R. Paul</u> <i>Exact Recovery Algorithm for Planted Bipartite Graph in Semi-random Graphs</i>	<u>S. Ioannidis</u> , B. de Keijzer, and C. Ventre <i>Strong Approximations and Irrationality in Financial Networks with Derivatives</i>
16h45	S. Chakraborty, <u>C. Kayal</u> , and M. Paraashar <i>Separations between Combinatorial Measures for Transitive Functions</i>	<u>J. Piribauer</u> , O. Sankur, and C. Baier <i>The Variance-penalized Stochastic Shortest Path Problem</i>	G. Blanc, <u>J. Lange</u> , and Li-Y. Tan <i>Reconstructing Decision Trees</i>	T. Friedrich, <u>H. Gawendowicz</u> , P. Lenzner, and A. Melnichenko <i>Social Distancing Network Creation</i>

Tuesday 18h00–21h00, Cocktail and vernissage of the exhibition for the 50 years of EATCS / ICALP

Université Paris Cité, 12 Rue de l'École de Médecine, 75006 Paris. Groups will gather and go by metro there lead by staff members.

Wednesday July 6, morning

Wednesday 8h30–9h30, Invited speaker 3

	Amphitheatre 1A <i>chair Paul Goldberg</i>
8h30	<u>Constantinos Daskalakis</u> <i>Equilibrium Computation, Deep Learning, and Multi-Agent (Reinforcement) Learning</i>

Wednesday 10h00–12h05, Paper session 3

	Amphitheatre 1A Counting and sampling <i>chair Sevag Gharibian</i>	Amphitheatre 4C Transducers and automata <i>chair Anca Muscholl</i>	Amphitheatre 9E Property testing <i>chair Ilan Newman</i>	Amphitheatre 10E Dynamic algorithms and sensitivity oracles <i>chair Adrian Vladu</i>
10h00	<u>C. Efthymiou</u> <i>On Sampling Symmetric Gibbs Distributions on Sparse Random Graphs and Hypergraphs.</i>	M. Göös, S. Kiefer, and <u>W. Yuan</u> <i>Lower Bounds for Unambiguous Automata via Communication Complexity</i>	A. Ghosh, G. Mishra, R. Raychaudhury, and <u>S. Sen</u> <i>Tolerant Bipartiteness Testing in Dense Graphs</i>	J. Alman and <u>D. Hirsch</u> <i>Parameterized Sensitivity Oracles and Dynamic Algorithms using Exterior Algebras</i>
10h25	I. Bezakova, <u>A. Galanis</u> , L. Goldberg, and D. Stefankovic <i>Fast sampling via Spectral Independence beyond Bounded-degree Graphs</i>	<u>A. Casares</u> , T. Colcombet, and K. Lehtinen <i>On the Size of Good-for-games Rabin Automata and its Link with the Memory in Muller Games</i>	<u>L. Esperet</u> and S. Norin <i>Testability and Local Certification of Monotone Properties in Minor-closed Classes</i>	S. Baswana, K. Bhanja, and A. Pandey <i>Minimum+1 (s,t)-cuts and Dual Edge Sensitivity Oracle</i>
10h50	A. Coja-Oghlan, A. Galanis, L. A. Goldberg, <u>J. B. Ravelomanana</u> , D. Stefankovic, and E. Vigoda <i>Metastability of the Potts Ferromagnet on Random Regular Graphs</i>	<u>L. Exibard</u> , E. Filiot, and A. Khalimov <i>A Generic Solution to Register-bounded Synthesis With an Application to Discrete Orders</i>	O. Ben-Eliezer, <u>S. Letzter</u> , and E. Waingarten <i>Finding Monotone Patterns in Sublinear Time, Adaptively</i>	D. Bilò, K. Choudhary, S. Cohen, T. Friedrich, and <u>M. Schirneck</u> <i>Deterministic Sensitivity Oracles for Diameter, Eccentricities and All Pairs Distances</i>
11h15	A. Galanis, D. Stefankovic, and E. Vigoda <i>Approximating Observables is as Hard as Counting</i>	<u>L. Bohn</u> and C. Löding <i>Passive Learning of Deterministic Büchi Automata by Combinations of DFAs</i>	<u>T. Eden</u> , D. Ron, and W. Rosenbaum <i>Almost Optimal Bounds for Sublinear-Time Sampling of k-Cliques in Bounded Arboricity Graphs</i>	A. Bernstein, <u>J. v. d. Brand</u> , M. Probst, D. Nanongkai, T. Saranurak, A. Sidford, and He Sun <i>Fully-Dynamic Graph Sparsifiers Against an Adaptive Adversary</i>
11h40	G. Qiu, <u>Y. Wang</u> , and C. Zhang <i>A Perfect Sampler for Hypergraph Independent Sets</i>	<u>M. Ganardi</u> , R. Majumdar, A. Pavlogiannis, L. Schütze, and G. Zetsche <i>Reachability in Bidirected Pushdown VASS</i>	K. Bringmann, A. Cassis, <u>N. Fischer</u> , and V. Nakos <i>Improved Sublinear-Time Edit Distance for Preprocessed Strings</i>	<u>A. B. G. Christiansen</u> and E. Rotenberg <i>Fully-dynamic $\alpha + 2$ Arboricity Decomposition and Implicit Colouring.</i>

Wednesday July 6, afternoon

Wednesday 14h00–16h05, Best papers session

	Amphitheatre 1A <i>chair</i> <i>Mikołaj Bojańczyk and David Woodruff</i>
14h00	<u>J. Blikstad</u> <i>Sublinear-round Parallel Matroid Intersection</i>
14h25	<u>J. Tětek</u> <i>Approximate Triangle Counting via Sampling and Fast Matrix Multiplication</i>
14h50	<u>G. Douéneau-Tabot</u> <i>Hiding Pebbles when the Output Alphabet is Unary</i>
15h15	I. Newman and <u>N. Varma</u> <i>Strongly Sublinear Algorithms for Testing Pattern Freeness</i>
15h40	J. Gajarský, <u>M. Pilipczuk</u> , W. Przybyszewski, and S. Toruńczyk <i>Twin-width and Types</i>

Wednesday 16h45–17h30, EATCS Award 2022

	Amphitheatre 1A <i>chair</i> <i>Jean-François Raskin</i>
16h45	<u>Patrick Cousot</u> <i>Abstraction of Hybrid Semantics</i>

Wednesday 17h30–19h30, EATCS general assembly

	Amphitheatre 1A
17h30	<i>EATCS general assembly: EATCS fellows, EATCS distinguished dissertation Award, Best ICALP papers, Best ICALP Student Papers, news about next ICALP, ICALP business meeting</i>

Thursday July 7, morning

Thursday 8h30–9h30, Invited speaker 4

8h30	Amphitheatre 1A <i>chair</i> <u>Mikołaj Bojańczyk</u>
	<u>Albert Atserias</u> <i>Towards a Theory of Algorithmic Proof Complexity: Motivation and Directions</i>

Thursday 10h00–12h05, Paper session 4

	Amphitheatre 1A Computational Geometry <i>chair</i> <u>Claire Mathieu</u>	Amphitheatre 4C Parameterized complexity <i>chair</i> <u>Yixin Cao</u>	Amphitheatre 9E Approximation algorithms <i>chair</i> <u>Robert Krauthgamer</u>	Amphitheatre 10E Optimization <i>chair</i> <u>Adrian Vladu</u>
10h00	<u>A. Khan</u> , <u>A. Lonkar</u> , <u>A. Maiti</u> , <u>A. Sharma</u> , and <u>A. Wiese</u> <i>Tight Approximation Algorithms for Two-dimensional Guillotine Strip Packing</i>	<u>R. M. Sridharan</u> , <u>D. Lokshantov</u> , and <u>F. Panolan</u> <i>Backdoor Sets on Nowhere Dense SAT</i>	<u>L. Chen</u> , <u>X. Wu</u> , and <u>G. Zhang</u> <i>Approximation Algorithms for Interdiction Problem with Packing Constraints</i>	<u>S. Jiang</u> , <u>B. Natura</u> , and <u>O. Weinstein</u> <i>A Faster Interior-Point Method for Sum-of-Squares Optimization</i>
10h25	<u>F. Fomin</u> , <u>P. Golovach</u> , <u>T. Inamdar</u> , and <u>M. Zehavi</u> <i>(Re)packing Equal Disks into Rectangle</i>	<u>B. Lin</u> , <u>X. Ren</u> , <u>Y. Sun</u> , and <u>X. Wang</u> <i>On Lower Bounds of Approximating Parameterized k-Clique</i>	<u>K. Bringmann</u> and <u>A. Cassis</u> <i>Faster Knapsack Algorithms via Bounded Monotone Min-Plus-Convolution</i>	<u>M. Ding</u> , <u>R. Kyng</u> , and <u>P. Zhang</u> <i>Two-Commodity Flow is Equivalent to Linear Programming under Nearly-Linear Time Reductions</i>
10h50	<u>Z. Huang</u> and <u>J. Xu</u> <i>In-Range Farthest Point Queries and Related Problem in High Dimensions</i>	<u>I. Haviv</u> <i>A Fixed-Parameter Algorithm for the Kneseer Problem</i>	<u>N. Ayyadevara</u> , <u>R. Dabas</u> , <u>A. Khan</u> , and <u>K. V. N. Sreenivas</u> <i>Near-optimal Algorithms for Stochastic Online Bin Packing</i>	<u>M. Brianiński</u> , <u>M. Koutecký</u> , <u>D. Král'</u> , <u>K. Pekárková</u> , and <u>F. Schröder</u> <i>Characterization of Matrices with Bounded Graver Bases and Depth Parameters and Applications to Anteger Programming</i>
11h15	<u>J. Conradi</u> and <u>A. Driemel</u> <i>On Computing the k-Shortcut Fréchet Distance</i>	<u>C. Legrand-Duchesne</u> , <u>A. Rai</u> , and <u>M. Tancer</u> <i>Parameterized Complexity of Untangling Knots</i>	<u>A. Abboud</u> , <u>V. Cohen-Addad</u> , <u>E. Lee</u> , and <u>P. Manurangsi</u> <i>Improved Approximation Algorithms and Lower Bounds for Search-Diversification Problems</i>	<u>M. Ding</u> , <u>R. Kyng</u> , <u>M. P. Gutenberg</u> , and <u>P. Zhang</u> <i>Hardness Results for Laplacians of Simplicial Complexes via Sparse-Linear Equation Complete Gadgets</i>
11h40	<u>K. Jansen</u> , <u>A. Khan</u> , <u>M. Lira</u> , and <u>K. V. N. Sreenivas</u> <i>A PTAS for Packing Hypercubes into a Knapsack</i>	<u>A. Lassota</u> , <u>A. Łukasiewicz</u> , and <u>A. Polak</u> <i>Tight Vector Bin Packing with Few Small Items via Fast Exact Matching in Multigraphs</i>	<u>C. Mathieu</u> and <u>H. Zhou</u> <i>A PTAS for Capacitated Vehicle Routing on Trees</i>	<u>M. Black</u> and <u>A. Nayyeri</u> <i>Hodge Decomposition and General Laplacian Solvers for Embedded Simplicial Complexes</i>

Thursday July 7, afternoon

Thursday 14h30–15h50, Presburger Award and Gödel Prize 2022

	Amphitheatre 1A
14h30	<u>Dor Minzer</u> , chaired by <u>Mikołaj Bojańczyk</u> <i>On Monotonicity Testing and the 2-to-2-Games Conjecture</i>
14h55	<u>Zvika Brakerski</u> , <u>Craig Gentry</u> , and <u>Vinod Vaikuntanathan</u> , chaired by <u>Anca Muscholl</u> TBA

Thursday 16h00–17h40, Paper session 5

	Amphitheatre 1A Homomorphisms <i>chair Leslie Ann Goldberg</i>	Amphitheatre 4C Process calculi and types <i>chair Paul-André Melliès</i>	Amphitheatre 9E Learning theory, fairness, and privacy <i>chair David Woodruff</i>	Amphitheatre 10E Randomness in computation <i>chair Frédéric Magniez</i>
16h00	<u>M. Grohe</u> , <u>G. Rattan</u> , and <u>T. Seppelt</u> <i>Homomorphism Tensors and Linear Equations</i>	<u>D. Barozzini</u> , <u>P. Parys</u> , and <u>J. Wróblewski</u> <i>Unboundedness for Recursion Schemes: A Simpler Type System</i>	<u>J. Pich</u> and <u>R. Santhanam</u> <i>Learning Algorithms versus Automatability of Frege Systems</i>	<u>O. Alrabiah</u> , <u>E. Chattopadhyay</u> , <u>J. Goodman</u> , <u>X. Li</u> , and <u>J. Ribeiro</u> <i>Low-Degree Polynomials Extract from Local Sources</i>
16h25	<u>S. Kiefer</u> and <u>D. Neuen</u> <i>A Study of Weisfeiler-Leman Colorings on Planar Graphs</i>	<u>E. Prebet</u> <i>Functions and References in the π-Calculus: Full Abstraction and Proof Techniques</i>	<u>N. Harms</u> and <u>Y. Yoshida</u> <i>Downsampling for Testing and Learning in Product Distributions</i>	<u>S. Peleg</u> , <u>G. Cohen</u> , <u>D. Minzer</u> , <u>A. Potechin</u> , and <u>A. Ta-Shma</u> <i>Expander Random Walks: The General Case and Limitations</i>
16h50	<u>R. Ganian</u> , <u>T. Hamm</u> , <u>V. Korchemna</u> , <u>K. Okrasa</u> , and <u>K. Simonov</u> <i>The Fine-Grained Complexity of Graph Homomorphism Parameterized by Clique-Width</i>	<u>T. Schmid</u> , <u>W. Rozowski</u> , <u>A. Silva</u> , and <u>J. Rot</u> <i>Processes Parametrised by an Algebraic Theory</i>	<u>N. Boehmer</u> and <u>T. Koana</u> <i>The Complexity of Finding Fair Many-to-One Matchings</i>	<u>N. Bansal</u> , <u>H. Jiang</u> , <u>R. Meka</u> , <u>S. Singla</u> , and <u>M. Sinha</u> <i>Smoothed Analysis of the Komlós Conjecture</i>
17h15	<u>B. Komarath</u> , <u>A. Pandey</u> , and <u>C. S. Rahul</u> <i>Monotone Arithmetic Complexity of Graph Homomorphism Polynomials</i>		<u>J. Blocki</u> , <u>E. Grigorescu</u> , and <u>T. Mukherjee</u> <i>Privately Estimating Graph Parameters in Sublinear time</i>	<u>J. B. T. Houen</u> and <u>M. Thorup</u> <i>Understanding the Moments of Tabulation Hashing via Chaos</i>

Thursday 19h30–22h30, Conference dinner

Le Train Bleu, first Floor of "Gare de Lyon" train station, Place Louis Armand, 75012 Paris. Groups will gather and walk there lead by staff members

Friday July 8, morning

Friday 8h30–9h30, Invited speaker 5

8h30	Amphitheatre 1A <i>chair Artur Czumaj</i>
	<u>Madhu Sudan</u> <i>Streaming and Sketching Complexity of CSPs: A survey</i>

Friday 10h00–12h05, Paper Session 6

	Amphitheatre 1A Data structures, sorting, and string processing <i>chair David Woodruff</i>	Amphitheatre 4C Graphs and complexity <i>chair Albert Atserias</i>	Amphitheatre 9E Graph distances and fault tolerance <i>chair Yixin Cao</i>	Amphitheatre 10E Complexity <i>chair Frédéric Magniez</i>
10h00	E. Ghasemi, <u>V. Jugé</u> , and G. Khalighinejad <i>Galloping in Fast-growth Natural Merge Sorts</i>	S. Datta, C. Gupta, R. Jain, <u>A. Mukherjee</u> , V. R. Sharma, and R. Tewari <i>Dynamic Meta-theorems for Distance and Matching</i>	D. Chakraborty, <u>K. Chatterjee</u> , and K. Choudhary <i>Pairwise Reachability Oracles and Preservers under Failures</i>	K. Bringmann, <u>A. Cassis</u> , N. Fischer, and M. Künemann <i>A Structural Investigation of the Approximability of Polynomial-Time Problems</i>
10h25	<u>T. Nishimoto</u> , S. Kanda, and Y. Tabei <i>An Optimal-Time RLBWT Construction in BWT-runs Bounded Space</i>	<u>A. Doumane</u> <i>Regular Expressions for Tree-Width 2 Graphs</i>	M. Pilipczuk, <u>N. Schirrmacher</u> , S. Siebertz, S. Toruńczyk, and A. Vigny <i>Algorithms and Data Structures for First-order Logic with Connectivity under Vertex Failures</i>	<u>T. Papamakarios</u> and A. Razborov <i>Space Characterizations of Complexity Measures and Size-space Trade-offs in Propositional Proof Systems</i>
10h50	A. Ganguly, R. Shah, and <u>S. V. Thankachan</u> <i>Fully Functional Parameterized Suffix Trees in Compact Space</i>	<u>T.-V. Nakajima</u> and S. <u>Živný</u> <i>Linearly Ordered Colourings of Hypergraphs</i>	C. Liao, <u>Q. Chen</u> , B. Laekhanukit, and Y. Zhang <i>Almost Tight Approximation Hardness for Single-Source Directed k-Edge-Connectivity</i>	<u>A. Musipatla</u> , R. O'Donnell, T. Schramm, and X. Wu <i>The SDP Value of Random 2CSPs</i>
11h15	D. Das, <u>T. Kociumaka</u> , and B. Saha <i>Improved Approximation Algorithms for Dyck Edit Distance and RNA Folding</i>	N. De Beaudrap, <u>A. Kissinger</u> , and J. v. de Wetering <i>Circuit Extraction for ZX-diagrams can be #P-hard</i>	P. Chalermsook, C.-C. Huang, D. Nanongkai, T. Saranurak, P. Sukprasert, and <u>S. Yingchareonthawornchai</u> <i>Approximating k-Edge-Connected Spanning Subgraphs via a Near-Linear Time LP Solver</i>	<u>L. Gan</u> and J. Han <i>The Decision Problem for Perfect Matchings in Dense Hypergraphs</i>
11h40	P. Gawrychowski and <u>K. Pokorski</u> <i>Sublinear Dynamic Interval Scheduling (on one or multiple machines)</i>	P. Idziak, P. Kawałek, J. Krzaczkowski, and <u>A. Weiß</u> <i>Satisfiability Problems for Finite Groups</i>	S. Kogan and <u>M. Parter</u> <i>Beating Matrix Multiplication for $n^{1/3}$-Directed Shortcuts</i>	D. Caballero, <u>T. Gomez</u> , R. Schweller, and T. Wylie <i>Unique Assembly Verification in Two-Handed Self-Assembly</i>

Friday July 8, afternoon

Friday 14h00–15h00, Invited speaker 6

	Amphitheatre 1A <i>chair Anca Muscholl</i>
14h00	<u>Stéphan Thomassé</u> <i>A brief tour in twin-width</i>

Friday 15h30–16h45, Paper session 7

	Amphitheatre 1A Online algorithms <i>chair Adrian Vladu</i>	Amphitheatre 4C Decremental algorithms <i>chair Yixin Cao</i>	Amphitheatre 9E Cryptography <i>chair Geoffroy Couteau</i>	Amphitheatre 10E Counting and complexity <i>chair Sylvain Perifel</i>
15h30	Y. Azar, <u>C. Machluf</u> , B. Patt-Shamir, and N. Tuitou <i>Competitive Vertex Recoloring</i>	J. Łącki and <u>Y. Nazari</u> <i>Near-Optimal Decremental Hopsets with Applications</i>	Z. Brakerski, N. Döttling, S. Garg, and <u>G. Malavolta</u> <i>Factoring and Pairings are not Necessary for iO: Circular-Secure LWE Suffices</i>	<u>S. Mathialagan</u> , V. V. Williams, and Y. Xu <i>Listing, Verifying and Counting Lowest Common Ancestors in DAGs: Algorithms and Fine-Grained Lower Bounds</i>
15h55	R. Chen, J. Khatkar, and <u>S. W. Umboh</u> <i>Online Weighted Cardinality Joint Replenishment Problem with Delay</i>	A. Jambulapati, Y. Jin, A. Sidford, and <u>K. Tian</u> <i>Regularized Box-Simplex Games and Dynamic Decremental Bipartite Matching</i>	S. Agrawal, D. Stehle, and <u>A. Yadav</u> <i>Round-Optimal Lattice-Based Threshold Signatures, Revisited</i>	C. Beideman, K. Chandrasekaran, and <u>W. Wang</u> <i>Counting and Enumerating Optimum Cut Sets for Hypergraph k-partitioning problems for fixed k</i>
16h20		S. Assadi, A. Bernstein, and <u>A. Dudeja</u> <i>Decremental Matching in General Graphs</i>	J. Holmgren, A. Lincoln, and <u>R. Rothblum</u> <i>Delegation for Search Problems</i>	P. Bergé, È. Bonnet, and <u>H. Déprés</u> <i>Deciding Twin-width at most 4 is NP-complete</i>