

ICALP 2023

Tuesday, July 11, 2023

Track A-3: Probabilistic analysis - Seminar Room 5 (10:30 AM - 12:30 PM)

-Conveners: Vladimir Kolmogorov

time	[id] title	presenter
10:30 AM	[17] Nondeterministic Refutations for Nearest Boolean Vector	BOGDANOV, Andrej
10:55 AM	[18] Average-Case to (shifted) Worst-Case Reduction for the Trace Reconstruction Problem	RUBINSTEIN, Ittai
11:20 AM	[19] Cliques in High-Dimensional Geometric Inhomogeneous Random Graphs	GÖBEL, Andreas SCHILLER, Leon
11:45 AM	[20] On Sparsification of Stochastic Packing Problems	KALAYCI, Yusuf Hakan
12:10 PM	[21] The wrong direction of Jensen's inequality is algorithmically right	ZAMIR, Or

Track A-3: Data structures - Seminar Room 5 (3:30 PM - 5:05 PM)

-Conveners: Merav Parter

time	[id] title	presenter
3:30 PM	[40] On Range Summary Queries	CHENG, Pingan
3:55 PM	[41] Efficient Data Structures for Incremental Exact and Approximate Maximum Flow	GORANCI, Gramoz
4:20 PM	[42] Fault-Tolerant ST-Diameter Oracles	BILÒ, Davide
4:45 PM	[43] Optimal Adjacency Labels for Subgraphs of Cartesian Products	HARMS, Nathaniel ZAMARAEV, Viktor

Wednesday, July 12, 2023

Track A-3: Random walks and related topics - Seminar Room 5 (10:30 AM - 12:30 PM)

-Conveners: Andrej Bogdanov

time	[id] title	presenter
10:30 AM	[62] Parameter estimation for Gibbs distributions	KOLMOGOROV, Vladimir
10:55 AM	[63] On the Mixing Time of Glauber Dynamics for the Hard-core and Related Models on $G(n,d/n)$	FENG, Weiming
11:20 AM	[64] Broadcasting with Random Matrices	ZAMPETAKIS, Konstantinos
11:45 AM	[65] Improved mixing for the convex polygon triangulation flip walk	FRISHBERG, Daniel
12:10 PM	[66] The Support of Open versus Closed Random Walks	SUN, He

Thursday, July 13, 2023

Track A-3: Approximation Algorithms - Seminar Room 5 (10:30 AM - 12:30 PM)

-Conveners: Sharat Ibrahimpur

time	[id] title	presenter
10:30 AM	[87] Connected k-Center and k-Diameter Clustering	LUO, Kelin
10:55 AM	[88] Multi Layer Peeling for Linear Arrangement and Hierarchical Clustering	VAINSTEIN, Danny AZAR, Yossi
11:20 AM	[89] Approximating Max-Cut on Bounded Degree Graphs: Tighter Analysis of the FKL Algorithm	HSIEH, Jun-Ting
11:45 AM	[90] An EPTAS for Budgeted Matching and Budgeted Matroid Intersection	DORON, Ilan
12:10 PM	[91] Scheduling under Non-Uniform Job and Machine Delays	STALFA, David

Track A-3: Property Testing - Seminar Room 5 (4:00 PM - 5:10 PM)

-Conveners: Talya Eden

time	[id] title	presenter
4:00 PM	[108] Isoperimetric Inequalities for Real-Valued Functions with Applications to Monotonicity Testing	BLACK, Hadley KALEMAJ, Iden
4:25 PM	[109] An Optimal Separation between Two Property Testing Models for Bounded Degree Directed Graphs	PENG, Pan
4:50 PM	[110] Sample-based distance-approximation for subsequence-freeness	SIDON, Omer Cohen

Friday, July 14, 2023

Track A-3: Coding and Privacy - Seminar Room 5 (10:30 AM - 12:30 PM)

-Conveners: C.S. Karthik

time	[id] title	presenter
10:30 AM	[124] Zero-Rate Thresholds and New Capacity Bounds for List-Decoding and List-Recovery	ZHANG, Yihan
10:55 AM	[125] Linear Insertion Deletion Codes in the High-Noise and High-Rate Regimes	CHENG, Kuan
11:20 AM	[126] List Decoding of Rank-Metric Codes with Row-to-Column Ratio Bigger Than 1/2	XING, Chaoping
11:45 AM	[127] On Differentially Private Counting on Trees	MANURANGSI, Pasin
12:10 PM	[128] Triangle Counting with Local Edge Differential Privacy	EDEN, Talya