ICALP 2023

Tuesday, July 11, 2023

<u>Track A-2: Distributed computing and networks</u> - **Seminar Room 4 (10:30 AM - 12:30 PM)**

-Conveners: Yossi Azar

time	[id] title	presenter
10:30 AM	[12] Optimal (degree+1)-Coloring in Congested Clique	COY, Sam
10:55 AM	[13] New Additive Emulators	PARTER, Merav
11:20 AM	[14] Protecting Single-Hop Radio Networks from Message Drops	PARAMONOV, Dmitry
11:45 AM	[15] Approximation Algorithms for Network Design in Non-Uniform Fault Models	JAIN, Rhea
12:10 PM	[16] Frameworks for Nonclairvoyant Network Design with Deadlines or Delay	TOUITOU, Noam

<u>Track A-2: Quantum computing</u> - **Seminar Room 4 (3:30 PM - 5:05 PM)**

-Conveners: Thomas Vidick

time	[id] title	presenter
3:30 PM	[36] #CSP Equality Corresponds to Quantum Isomorphism -- A Holant Viewpoint	YOUNG, Ben
3:55 PM	[37] Decidability of fully quantum nonlocal games with noisy maximally entangled states	QIN, Minglong
4:20 PM	[38] Quantum cryptography with classical communication - Parallel remote state preparation for copy-protection, verification, and more	GHEORGHIU, Alexandru
4:45 PM	[39] Parallel self-testing of EPR pairs under computational assumptions	FU, Honghao

Wednesday, July 12, 2023

Track A-2: Computational geometry - Seminar Room 4 (10:30 AM - 12:30 PM)

-**Conveners: Laszlo Kozma**

time	[id] title	presenter
10:30 AM	[57] On the Fine-Grained Complexity of Small-Size Geometric Set Cover and Discrete k-Center for Small k	CHAN, Timothy M.
10:55 AM	[58] Rerouting Planar Curves and Disjoint Paths	ITO, Takehiro OKAMOTO, Yoshio KOBAYASHI, Yusuke NOZAKI, Yuta
11:20 AM	[59] Approximate Nearest Neighbor for Polygonal Curves under Frechet Distance	HUANG, Haoqiang
11:45 AM	[60] Ortho-radial Drawing in Near-linear Time	CHANG, Yi-Jun
12:10 PM	[61] The Geometry of Tree-Based Sorting	DOBSON, Magdalen

Thursday, July 13, 2023

Track A-2: Parameterized complexity - Seminar Room 4 (10:30 AM - 12:30 PM)

-Conveners: Debmalya Panigrahi

time	[id] title	presenter
10:30 AM	[82] Twin-width of Planar Graphs is at most 8, and at most 6 when Bipartite Planar	JEDELSKÝ, Jan
10:55 AM	[83] Parameterised and Fine-grained Subgraph Counting, modulo 2	ROTH, Marc
11:20 AM	[84] Tight Bounds for Chordal/Interval Vertex Deletion Parameterized by Treewidth	WLODARCZYK, Michał
11:45 AM	[85] Faster parameterized algorithms for modification problems to minor-closed classes	STAMOULIS, Giannos MORELLE, Laure
12:10 PM	[86] Parameterized Complexity of Binary CSP: Vertex Cover, Treedepth, and Related Parameters	BODLAENDER, Hans L.

Track A-2: Math programming - Seminar Room 4 (4:00 PM - 5:10 PM)

-Conveners: Ronald de Wolf

time	[id] title	presenter
4:00 PM	[105] Space-Efficient Interior Point Method, with applications to Linear Programming and Maximum Weight Bipartite Matching	ZHANG, Lichen
4:25 PM	[106] Lasserre Hierarchy for Graph Isomorphism and Homomorphism Indistinguishability	SEPPELT, Tim
4:50 PM	[107] Ellipsoid Fitting Up to a Constant	XU, Jeff HSIEH, Jun-Ting

Friday, July 14, 2023

Track A-2: Online Algorithms - Seminar Room 4 (10:30 AM - 12:30 PM)

 -Conveners: Petra Berenbrink

time	[id] title	presenter
10:30 AM	[123] A General Framework for Learning-Augmented Online Allocation	PANIGRAHI, Debmalya
10:55 AM	[120] Online Demand Scheduling with Failovers	ZHOU, Rudy
11:20 AM	[121] Locality in online, dynamic, sequential, and distributed graph algorithms	LIEVONEN, Henrik SUOMELA, Jukka
11:45 AM	[122] Incremental Maximization via Continuization	WECKBECKER, David
12:10 PM	[119] Efficient Caching with Reserves via Marking	IBRAHIMPUR, Sharat