

## PROGRAM

TUESDAY, MAY 9, 2023

9:00 - 9:15 *Gathering, Registration*

9:15 - 9:30 **Opening Remarks**

9:30 - 10:00 **Sergio Rajsbaum** - *A Combinatorial Topology Approach to Arrow's Impossibility Theorem*

10:00 - 10:30 **Uri Meir** - *Resilience of 3-Majority Dynamics to Non-Uniform Schedulers*

10:30 - 10:50 *Coffee break*

10:50 - 11:20 **Pierre Fraigniaud** - *Energy efficient distributed algorithms*

11:20 - 11:50 **David Hay** - *Network-Level IoT Security*

11:50 - 12:20 **Robin Vacus** - *Stochastic Self-stabilizing Information Spread*

12:20 - 14:15 *Lunch* (On your own)

14:15 - 14:45 **Adrian Vladu** - *Interior Point Methods with a Gradient Oracle*

14:45 - 15:15 **Talya Eden** - *Triangle Counting with Local Edge Differential Privacy*

15:15 - 15:45 **Dani Dorfman** - *Expander Decomposition with Fewer Inter-Cluster Edges Using a Spectral Cut Player*

15:45 - 16:15 *Coffee break*

16:15 - 16:45 **Seffi Naor** - *Online Rounding of Bipartite Matchings*

16:45 - 17:15 **Vianney Perchet** - *Online Matching in Geometric Random Graphs*

## WEDNESDAY MAY 10, 2023

- 9:30 - 10:00 **Alex B. Grilo** - *Are quantum-safe zero-knowledge protocols also NISQ-safe*
- 10:00 - 10:30 **Quoc-Huy Vu** - *Public-key Encryption in a Quantum World*
- 10:30 - 10:50 *Coffee break*
- 10:50 - 11:20 **Simon Apers** - *Elfs, trees and quantum walks*
- 11:20 - 11:50 **Geoffroy Couteau** - *Random Sources in Private Computation*
- 11:50 - 12:20 **Lianna Hambardzumyan** - *An improved protocol for Exactly-N with more than 3 players*
- 12:20 - 14:15 *Lunch* (On your own)
- 14:15 - 14:45 **Michal Feldman** - *Algorithmic Contract Design*
- 14:45 - 15:15 **Alon Eden** - *Private Interdependent Valuations*
- 15:15 - 15:45 **Simon Mauras** - *Truthful Matching with Online Items and Offline Agents*
- 15:45 - 16:15 *Coffee Break*
- 16:15 - 16:45 **Claire Mathieu** - *A Tight  $(1.5 + \epsilon)$ -Approximation for Unsplittable Capacitated Vehicle Routing on Trees*
- 16:45 - 17:15 **Hang Zhou** - *Euclidean Capacitated Vehicle Routing*
- 17:15 - 17:45 **Ami Paz** - *A Speedup Theorem for Asynchronous Computation*
- 19:00 - *Social Event*

## THURSDAY MAY 11, 2023

- 9:30 - 10:00 **Spyros Angelopoulos** - *Online Bin Packing with Predictions*
- 10:00 - 10:30 **Haim Kaplan** - *Almost Tight Bounds for Online Facility Location in the Random-Order Model*
- 10:30 - 11:50 *Coffee break*
- 10:50 - 11:20 **Allan Borodin** - *Revisiting an old problem (online interval selection) and where it takes us*
- 11:20 - 11:50 **Shahar Lewkovicz** - *List Update with Delays or Time Windows*
- 11:50 - 12:20 **Chien-Chung Huang** - *FPT-Algorithms for the  $\ell$ -Matchoid Problem with a Coverage Objective*
- 12:20 - 14:15 *Lunch* (On your own)
- 14:15 - 14:45 **Yossi Azar** - *Multi Layer Peeling for Linear Arrangement and Hierarchical Clustering*
- 14:45 - 15:15 **Yaniv Sadeh** - *Dynamic Binary Search Trees: Improved Lower Bounds for the Greedy-Future Algorithm*
- 15:15 - 15:45 **Daniel Vaz** - *Good and Efficient Approximation for the Sparsest Cut Problem in Bounded-Treewidth Graphs*
- 15:45 - 16:15 *Coffee Break*
- 16:15 - 16:45 **Tomasz Ponitka** - *On Optimal Tradeoffs between EFX and Nash Welfare*
- 16:45 - 17:15 **Amos Fiat** - *EFX Allocations on Graphs*