French-Israeli Workshop on Foundations of Computer Science

Program

Wednesday May 2, 2012

9:00 - 9:15 Opening Remarks
9:15 - 10:00 Guy Even - Analysis of LP-decoding and message passing decoding using local optimality
10:00 - 10:30 Coffee break
10:30 - 11:15 Benny Chor - Genetic Code Symmetry and Efficient Design of GC-Constrained Coding Sequences
11:15 - 12:00 Fabio Pardi - Reconstructing evolutionary trees from distances
12:00 - 14:00 Lunch (to be found in restaurants around...)
14:00 - 14:45 Adi Rosén - Online Computation with Advice
14:45 - 15:30 Christian Konrad - Language and Graph Problems in the Streaming Model
15:30 - 16:00 Coffee break
16:00 - 16:45 Michel de Rougemont - Approximate verification and Enumeration problems

Thursday May 3, 2012

9:15 - 10:00 Boaz Patt-Shamir - Low-congestion distributed algorithms
10:00 - 10:30 Coffee break
10:30 - 11:15 Amos Korman - Ant Colonies and Distributed Computing
11:15 - 12:00 Pierre Fraigniaud - Distributed Decision
12:00 - 14:00 Lunch (to be found in restaurants around...)
14:00 - 14:45 Amos Fiat - Envy, Greed, and some other Deadly Sins
14:45 - 15:30 Raghav Kulkarni - Fourier spectrum of Boolean functions, Sparsity-granularity Theorem, and its application
15:30 - 16:00 Coffee break
16:00 - 16:45 Tova Milo - Mob Data Sourcing
16:45 - 17:30 Serge Abiteboul - Viewing the Web as a Distributed Knowledge Base
18:30 - 21:00 Reception (cocktail dinatoire) - on the ground floor of the IHP
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Friday May 4, 2012

9:15 - 10:00 Yossi Azar - Fast approximation algorithms for submodular optimization problems
10:00 - 10:30 Coffee break
10:30 - 11:15 Iordanis Kerenidis - Quantum and Classical Communication Complexity
11:15 - 12:00 Miklos Santha - Quantum walks and learning graphs
12:00 - 14:00 Lunch (to be found in restaurants around...)
14:00 - 14:45 Amnon Ta-Shma - Algebraic constructions of randomness extractors
14:45 - 15:30 David Xiao - NP-hardness and cryptography
15:30 - 16:00 Coffee break
16:00 - 16:45 Uri Zwick - Randomized pivoting rules for the simplex algorithm