

# ACAC 2013 – PROGRAM

**Thursday, August 22**

8:45 – 9:15	Registration – Coffee
9:15 – 9:30	Opening
9:30 – 10:30	<b>Plenary Session</b> (Chair: Vangelis Markakis) <b>A Randomized Rounding Approach for TSP</b> <i>Amin Saberi, Stanford University</i>
10:30 – 11:00	Coffee break
11:00 – 12:00	<b>Session 1</b> (Chair: Elias Koutsoupas) <b>When do noisy votes reveal the truth?</b> <i>Ioannis Caragiannis, University of Patras</i> <b>Complexity and Approximation of the Continuous Network Design Problem</b> <i>Martin Gairing, University of Liverpool</i> <b>Price of Stability in Polynomial Congestion Games</b> <i>Giorgos Christodoulou, University of Liverpool</i>
12:00 – 12:15	Short break
12:15 – 13:15	<b>Session 2</b> (Chair: Stathis Zachos) <b>On the complexity of higher order abstract Voronoi diagrams</b> <i>Panagiotis Cheilaris, Università della Svizzera italiana</i> <b>Efficient edge-skeleton computation for polytopes defined by oracles</b> <i>Vissarion Fisikopoulos, University of Athens</i> <b>An Algorithm to Compute the Dimension of Real Algebraic Sets</b> <i>Elias Tsigaridas, INRIA Paris - Rocquencourt</i>
13:15 – 15:15	Lunch break
15:15 – 16:35	<b>Session 3</b> (Chair: Vangelis Paschos) <b>Exploration of Networks Containing Malicious Hosts</b> <i>Euripides Markou, University of Thessaly</i> <b>Progress on periodic data retrieval in asynchronous ring networks with a faulty host</b> <i>Matoula Petrolia, National Technical University of Athens</i> <b>Logical limit laws for graphs from minor closed classes</b> <i>Tobias Muller, Utrecht University</i> <b>Counting list matrix partitions of graphs</b> <i>Andreas Göbel, University of Oxford</i>
16:35 – 17:10	Coffee break
17:10 – 18:30	<b>Session 4</b> (Chair: Dimitris Fotakis) <b>On the Stability of Generalized Second Price Auctions with Budgets</b> <i>Ioannis Giotis, Athens University of Economics and Business</i> <b>Revenue Maximization via Hiding Item Attributes</b> <i>Arguris Deligkas, University of Liverpool</i> <b>Mechanism Design for Scheduling with Uncertain Execution Time</b> <i>Angelina Vidali, Duke University</i> <b>Mechanism Design via Optimal Transport</b> <i>Costis Daskalakis, MIT</i>

## Friday, August 23

9:00 – 9:30	Coffee
9:30 – 10:30	<p><b>Plenary Session</b> (Chair: Ioannis Milis)</p> <p><b>Optimization in the Presence of Uncertainty</b> <i>Peter Widmayer, ETH Zurich</i></p>
10:30 – 11:00	Coffee break
11:00 – 12:00	<p><b>Session 5</b> (Chair: Vangelis Markakis)</p> <p><b>Inefficiency of Standard Multi-Unit Auctions</b> <i>Orestis Telelis, Athens University of Economics and Business</i></p> <p><b>Tight bounds for the price of anarchy of simultaneous first-price auctions</b> <i>Alkmini Sgouritsa, University of Liverpool</i></p> <p><b>Limitations of deterministic auction design for correlated bidders</b> <i>Maria Kyropoulou, University of Patras</i></p>
12:00 – 12:15	Short break
12:15 – 13:15	<p><b>Session 6</b> (Chair: Orestis Telelis)</p> <p><b>Combinatorial methods for low rank solutions in semidefinite programming</b> <i>Antonios Varvitsiotis, CWI, Amsterdam</i></p> <p><b>Towards an upper bound theorem for Minkowski sums of convex polytopes</b> <i>Christos Konaxis, University of Crete</i></p> <p><b>The Drawing Thickness of Graph Drawings</b> <i>Alexandros Angelopoulos, National Technical University of Athens</i></p>
13:15 – 15:15	Lunch break
15:15 – 16:35	<p><b>Session 7</b> (Chair: Aris Pagourtzis)</p> <p><b>An improved lower bound for the randomized decision tree complexity of recursive majority</b> <i>Nikos Leonardos, University of Athens</i></p> <p><b>New lower bounds for privacy in communication complexity</b> <i>Iordanis Kerenidis, CNRS – University of Paris, Diderot</i></p> <p><b>Verification of Quantum Entanglement in a cryptographic setting</b> <i>Anna Pappa, Telecom ParisTech</i></p> <p><b>Lattice Attacks on DSA schemes based on Lagrange's Algorithm</b> <i>Dimitrios Poulakis, Aristotle University of Thessaloniki</i></p>
16:35 – 17:10	Coffee break
17:10 – 18:30	<p><b>Session 8</b> (Chair: Vassilis Zissimopoulos)</p> <p><b>PTAS for Ordered Instances of Resource Allocation Problems</b> <i>Giorgos Stamoulis, IDSIA, Università della Svizzera italiana</i></p> <p><b>Energy Efficient Scheduling via Configuration LP and Randomized Rounding</b> <i>Dimitris Letsios, University of Evry</i></p> <p><b>Dominators in Directed Graphs: Certification and Dynamization</b> <i>Nikos Parotsidis, University of Ioannina</i></p> <p><b>The Power of Experts in Crowdsourcing Systems</b> <i>Aris Anagnostopoulos, University of Rome, La Sapienza</i></p>
21:00 – ...	<b>Dinner at Yandes (44 Valtetsiou st.)</b>