

- ACAC 14 Program -

9th Athens Colloquium on Algorithms and Complexity
National Technical University of Athens

<i>Thursday, August 21th</i>	
8:45	<i>Registration - Coffee</i>
9:30 – 10:30	Temporal graphs and temporal networks Paul Spirakis, <i>University of Liverpool & CTI</i>
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Session 1 (Chair: S. Zachos) Implementing the L_∞ segment Voronoi diagram in CGAL and an application in VLSI pattern analysis Panagiotis Cheilaris, <i>Università della Svizzera italiana</i> Nearly optimal algorithm for complex root refinement Elias Tsigaridas, <i>Inria Paris-Rocquencourt</i> Polyhedral Omega: A linear Diophantine system solver Zafeirakis Zafeirakopoulos, <i>RISC-Linz</i>
12:30 – 12:45	<i>Short Break</i>
12:45 – 13:45	Session 2 (Chair: E. Koutsoupias) On the Efficiency of Simple Allocation Mechanisms for Divisible Goods Alkmini Sgouritsa, <i>University of Liverpool</i> Duality and Optimality of Auctions for Uniform Distributions Yiannis Giannakopoulos, <i>University of Oxford</i>
13:45 – 15:00	<i>Lunch Break</i>
15:00 – 16:30	Session 3 (Chair: V. Markakis) The Performance of Deferred-Acceptance Auctions Vasilis Gkatzelis, <i>Stanford University</i> Welfare guarantees for proportional allocations Alexandros Voudouris, <i>University of Patras</i> A characterization result for strongly monotone scheduling mechanisms Angelina Vidali, <i>Duke University</i>
16:30 – 16:45	<i>Short Break</i>
16:45 – 18:15	Session 4 (Chair: D. Fotakis) Influence Maximization in Switching-Selection Threshold Models Thodoris Lykouris, <i>Cornell University</i> Congestion Games with Risk-Averse Players Thanasis Lianeas, <i>National Technical University of Athens</i> Mechanism Design with Verification Manolis Zambetakis, <i>National Technical University of Athens</i>
18:15 – 18:30	<i>Short Break</i>
18:30 – 19:30	Short Sessions (Chair: E. Markou)

<i>Friday, August 22th</i>	
9:30 – 10:30	Sparsification and subexponential approximation Vangelis Paschos, <i>University Paris-Dauphine</i>
10:30 – 11:00	<i>Coffee Break</i>
11:00 – 12:30	Session 5 (Chair: V. Zissimopoulos) Item Bidding from Combinatorial Public Projects Orestis Telelis, <i>Athens University of Economics and Business</i> Nash equilibria in bimatrix 5x4 games Raimundas Vidunas, <i>University of Athens</i> Exclusive Graph Searching in Various Graph Classes Euripides Markou, <i>University of Thessaly</i>
12:30 – 12:45	<i>Short Break</i>
12:45 – 13:45	Session 6 (Chair: I. Milis) Game Semantics for Logic Programming Chrysidia Galanaki, <i>University of Athens</i> Multiprocessor Speed Scaling with Precedence Constraints Dimitris Letsios, <i>Technical University of Munich</i>
13:45 – 15:00	<i>Lunch Break</i>
15:00 – 16:00	Reductions from Mechanism to Algorithm Design Costantinos Daskalakis, <i>Massachusetts Institute of Technology</i>
16:00 – 16:15	<i>Short Break</i>
16:15 – 17:45	Session 7 (Chair: A. Pagourtzis) Reliable Broadcast with Respect to Topology Knowledge Giorgos Panagiotakos, <i>National Technical University of Athens</i> Short Sessions
21:00	Dinner

* The talks and coffee breaks will take place at the Multimedia Amphitheater of the Central Library of NTUA.