

GameComm 2008
The Second International Workshop on
Game Theory in Communication Networks 2008
 October 20, 2008, Athens, Greece
Technical Program

09:00-09:10	Opening Remarks
09:10-10:00	Keynote Lecture: <i>Jean-Pierre Hubaux</i> Game Theory and Wireless Security
Session 1:	POWER CONTROL
10:00-10:25	<i>Shrutivandana Sharma, Demosthenis Teneketzis</i> A Game-Theoretic Approach to Decentralized Optimal Power Allocation for Cellular Networks
10:25-10:50	<i>Nem Stefanovic and Laca Pavel</i> Analysis for Game-Theoretic Based Power Control in Optical Networks
10:50-11:20	Coffee Break
11:20-11:45	<i>Yan Pan, Tansu Alpcan and Laca Pavel</i> Effects of Parameters on Nash Games with OSNR Target
11:45-12:20	<i>Yezekael Hayel, Rachid Elazouzi, Samson Lasaulce, and Merouane Debbah</i> Introducing Hierarchy in Energy-Efficient Power Control Games
12:20-12:45	<i>Tembine Hamidou, Eitan Altman, Rachid El Azouzi and Yezekael Hayel</i> Stochastic Population Games with individual independent states and coupled constraints
12:45-14:15	Lunch Break
Session 2:	RESOURCE ALLOCATION AND SELECTION
14:15-14:40	<i>Matteo Cesana, Ilaria Malanchini, and Nicola Gatti</i> Game Theoretic Analysis of Wireless Access Network Selection: Models, Inefficiency Bounds, and Algorithms
14:40-15:05	<i>Laszlo Toka and Pietro Michiardi</i> Analysis of User-driven Peer Selection in Peer-to-Peer Backup and Storage Systems
15:05-15:30	<i>Benajmin Yolken and Nicholas Bambos</i> Game Based Capacity Allocation for Utility Computing Environments
15:30-15:55	<i>Nahum Shimkin and Ishai Menache</i> Reservation-Based Distributed Medium Access in Wireless Collision Channels
15:55-16:25	Coffee Break
Session 3:	ROUTING
16:25-16:50	<i>Georgios Koltsidas and Fotini-Niovi Pavlidou</i> Towards a Game Theoretic Formulation of Clustering Routing in Wireless Sensor Networks
16:50-17:15	<i>Matthew Roughan and Yin Zhan.</i> GATEway: Symbiotic Inter-Domain Traffic Engineering
17:15-17:40	<i>Eitan Altman, Urtzi Ayesta and Balakrishna J. Prabhu</i> Load Balancing in Processor Sharing Systems
17:40-18:30	Panel Discussion: "Game Theory in Communications: Prospects and Limitations" <i>E. Altman, N. Bambos, J.-P. Hubaux, T. Alpcan, N. Shimkin</i>
18:30	Closing Remarks