

ICAPS-2013 Doctoral Consortium Program

Auditorium Antonianum

Sunday, June 9, 2013			
	Sala San Bernardino	Sala Stampa	Sala Santa Chiara
08:45-09:00	Welcome, Ioannis Refanidis		
09:00-10:00	<ul style="list-style-type: none"> • Chiara Piacentini, <i>Using planning techniques to manage the operations in power distribution networks</i> • Sergey Alatarsev, <i>Path-planning for Industrial Robots Among Multiple Under-specified Tasks</i> <p>Mentors: Sylvie Thiebaux, Andras Kovacs</p>	<ul style="list-style-type: none"> • Fan Xie, <i>Exploration and Combination: Randomized and Multi-Strategies Search in Satisficing Planning</i> • Ran Taig, <i>Translation based approaches to probabilistic planning</i> <p>Mentors: Malte Helmert, Ioannis Refanidis</p>	<ul style="list-style-type: none"> • Riccardo De Benedictis, <i>An Introduction to the J-TRE Environment and its Features</i> • Richard Valenzano, <i>Finding Better Candidate Algorithms for Portfolio-Based Planners</i> <p>Mentors: Joerg Hoffmann, Carmel Domshlak</p>
10:00-10:30	Coffee break¹		
10:30-12:00	<ul style="list-style-type: none"> • Juan Manuel Delfa, <i>Automated Planning for Planetary Rovers</i> • Rosi Tonaco Basbaum, <i>Requirements and Work Domain Analysis in Automated Planning Systems</i> • Antonin Komenda, <i>Domain-independent Repairing of Multiagent Plans</i> <p>Mentors: David Smith, Roman Bartak</p>	<ul style="list-style-type: none"> • Joris Scharpff, <i>Dynamic Contracting in Infrastructures</i> • Ilche Georgievski, <i>Planning for Coordination of Devices in Energy-Smart Environments</i> • George Markou, <i>Decision Making in Non-Deterministic Environments</i> <p>Mentors: Sven Koenig, Carmel Domshlak, Ioannis Refanidis</p>	<ul style="list-style-type: none"> • Anastasios Alexiadis, <i>Scheduling and Planning algorithms for Electronic Calendar Management</i> • Catherine Harris, <i>Online Plan Modification for Autonomous Underwater Vehicle Missions</i> • Silvan Sievers, <i>Safe Pruning in Optimal State-Space Search</i> <p>Mentors: Amedeo Cesta, Michael Katz</p>
12:00-13:00	Lunch²		
13:00-14:00	Invited talk: Wheeler Ruml, <i>Job hunting</i>		
14:00-15:30	<ul style="list-style-type: none"> • Masood Feyzbakhsh, <i>Using Satisfiability for Non-Optimal Temporal Planning</i> • Leonid Antsfeld, <i>Shortest Paths in Networks</i> • Iman Awaad, <i>Affordance-Based Reasoning in Robot Task Planning</i> <p>Mentors: Gerard Verfaillie, Daniele Magazzeni</p>	<ul style="list-style-type: none"> • Tony Tran, <i>Combining Queueing Theory and Scheduling for Dynamic RealWorld Systems</i> • Jendrik Seipp, <i>Counterexample-guided Cartesian Abstraction Refinement</i> • Michal Sroka, <i>MOPF: A Multi-Objective Planning Framework for Generation of Pareto-Optimal Plan Frontiers using Satisficing Planners</i> <p>Mentors: Martin Mueller, Nicola Policella</p>	<ul style="list-style-type: none"> • Vitaly Mirkis, <i>Abstractions for Oversubscription Planning</i> • Raz Nissim, <i>All for One or One for All: Planning for Cooperative and Selfish Agents</i> • Alexander Shleyfman, <i>Symmetry Breaking: Satisficing Planning and Landmark Heuristics</i> <p>Mentors: Fahiem Bacchus, Patrik Haslum</p>
15:30-16:00	Coffee break¹		
16:00-16:30	Closing remarks, Ioannis Refanidis		
20:00-22:30	DC Dinner, PINSA E BUOI DEI (http://www.pinsaebuoiristorante.com/)		
Wednesday, June 12, 2013			
17:00-19:00	DC Posters & System Demos		

¹ A coffee station will be in the DC Main Room, i.e., Sala San Bernardino, from 9.00 to 17.00 with coffee, water and juices.

² Lunch will be self-service at the Restaurant of Antonianum