



Research Meeting on Distributed Computing by Mobile Robots

PROGRAM (TENTATIVE)

SUNDAY August 15, 2010 – ROOM 4351HP

MODELS, PROBLEMS, COMPUTATIONS		
9:00-10:00 am	Nicola Santoro	<i>Tutorial:</i> Models of computations
10:00 am		<i>Coffee Break</i>
10:30-11:30 am	Giuseppe Prencipe	<i>Tutorial:</i> Computations with unlimited visibility
12:00 am		<i>Lunch</i>
1:30-2:30 pm	Paola Flocchini	<i>Tutorial:</i> Computations with limited visibility
3:00 pm		<i>Coffee Break</i>
3:30-4:00 pm	Shantanu Das	Sequences of patterns by oblivious robots
OPEN PROBLEMS AND RESEARCH		
4:00 -5:30pm		Unscheduled talks and discussions
6:00 pm		<i>BBQ Dinner</i>

MONDAY August 16, 2010 – ROOM 4351HP

RELIABILITY AND ACCURACY		
9:00 -10:00 am	Xavier Défago	<i>Tutorial:</i> Models of synchrony, faults, and sensors
10:00 am		<i>Coffee Break</i>
10:30-11:00 am	Maria Gradinariu Potop-Butucaru	Fault-tolerant gathering and convergence
11:20-12:00 pm	Koichi Wada	Gathering for two oblivious robots with unreliable compasses.
12:00 am		<i>Lunch</i>
PROBLEMS AND COMPUTATIONS		
1:30-2:00 pm	Jérémie Chalopin	How simple robots benefit from looking back
2:00-2:30 pm	Mark Yamashita	Research ideas and directions
3:00 pm		<i>Coffee Break</i>
OPEN PROBLEMS AND RESEARCH		
3:30-5:30pm	Richard Tan	Unscheduled talks and discussions
7:00 pm		<i>Conference Dinner (Mother's Tucker)</i>

TUESDAY August 17, 2010 – **ROOM 4351HP**

		HETEROGENEOUS SYSTEMS
9:00-10:00 am	Lynne Parker	<i>Tutorial:</i> Multiple Mobile Robot Systems
10:00 am		<i>Coffee Break</i>
10:30-11:30 am	Lynne Parker	<i>Tutorial:</i> Dynamic task allocation in heterogeneous multi-robot teams
12:00 am		<i>Lunch</i>
		MOBILE SENSORS AND ACTUATORS
1:30-2:00 pm	Evangelos Kranakis	Movement of mobile sensors for barrier coverage
2:00-2:30 pm	Xu Li	Sensor placement by mobile robots
2:30-3:00 pm	Elio Velasquez	The frugal feeding problem
3pm		<i>Coffee Break</i>
	Pierluigi Crescenzi	OPEN PROBLEMS AND RESEARCH
3:30-5:30 pm		Unscheduled talks and discussions
6:30 pm		<i>Conference Dinner (Yangtzee)</i>

WEDNESDAY August 18, 2010 – **ROOM TORY 210**

		ROBOTS IN GRAPHS
9:00-9:40 am	Andrzej Pelc	Deterministic rendezvous in networks
10:00 am		<i>Coffee Break</i>
10:30-11:10 am	Euripides Marcou	Deterministic algorithms for rendezvous in networks
11:10-11:40 am	Arnaud Labourel	Asynchronous rendezvous in infinite multidimensional grids
12:00 am		<i>Lunch</i>
1:30-2:00 pm	David Ilcinkas	Network exploration by oblivious robots
	Eulalia Barrière	OPEN PROBLEMS AND RESEARCH
2:00-3:00 pm		Unscheduled talks and discussions
3:00 pm		<i>Coffee Break</i>
3:30-5:30 pm		Unscheduled talks and discussions
5:30 pm		<i>End of Meeting</i>