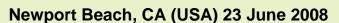


Second International IEEE WoWMoM Workshop on

# Autonomic and Opportunistic Communications







# **AOC 2008 Program**

Monday June 23, 2008

8h30 - 8h45: Opening Remarks

8h45 - 9h45: Keynote message

Opportunities in Opportunistic Computing Mohan Kumar, University of Texas at Arlington, USA

9h45 - 10h15: Coffee break

### 10h15 - 11h45: Session 1: Algorithmic aspects in AOC

Towards Autonomous Data Ferry Route Design through Reinforcement Learning Daniel Henkel and Timothy X Brown

An Optimal Joint Scheduling and Drop Policy for Delay Tolerant Networks Amir Krifa, Chadi Barakat, and Thrasyvoulos Spyropoulos

Context and resource awareness in opportunistic network data dissemination Chiara Boldrini, Marco Conti, Andrea Passarella

Scalable Service Migration in General Topologies Konstantinos Oikonomou, Ioannis Stavrakakis, and Alexios Xydias

11h45 - 13h15 Lunch break

# 13h15 -14h45 Session 2: Opportunistic Networking

Message Fragmentation in Opportunistic DTNs Mikko Pitkänen, Ari Keränen, and Jörg Ott

Writing on the Clean Slate: Implementing a Socially-Aware Protocol in Haggle Mirco Musolesi, Pan Hui, Cecilia Mascolo, and Jon Crowcroft

Spatiotemporal Routing Algorithm in Opportunistic Networks Hoang Anh Nguyen and Silvia Giordano

Opportunistic Medical Monitoring Using Bluetooth P2P Networks Dae-Ki Cho, Seung-Hoon Lee, Alexander Chang, Tammara Massey, Chia-Wei Chang, Min-Hsieh Tsai, Majid Sarrafzadeh, and Mario Gerla

14h45 - 15h15 Coffee break

## 15h15 - 16h30 Sessions 3: Autonomic Systems and Methods

On a Synergetic Architecture for Cognitive Adaptive Behavior of Future Communication Systems

Apostolos Kousaridas and Nancy Alonistioti

A Platform for Pervasive Combinatorial Trading With Opportunistic Self-Aggregation Antonio Di Ferdinando, Alberto Rosi, Ricardo Lent, Franco Zambonelli, and Erol Gelenbe

di-jest: Autonomic Neighbour Management for Worm Resilience in p2p Systems

Douglas McIlwraith, Micaël Paquier, and Evangelos Kotsovinos

16h30-18h00: Panel

#### **Opportunities in Opportunistic Communications Research**

Panel organizer and chair: Andrea Passarella (IIT-CNR, Italy)

#### Panelists:

Mohan Kumar (University of Texas at Arlington, USA) Giovanni Pau (UCLA, USA) Thrasyvoulos Spyropoulos (ETH Zurich, Switzerland) Ioannis Stavrakakis (University of Athens, Greece)

The workshop is jointly organized by the projects: HAGGUE funded by the FET-IST Programme in the area Situated and Autonomic **Communications (SAC)** Information Society Tecnologies

For more information: http://cnd.cnr.iit.it/aoc2008