

AOC 2008

Second International IEEE WoWMoM Workshop on Autonomic and Opportunistic Communications



a World of Wireless



Newport Beach, CA (USA) 23 June 2008

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 Thrasylvoulos 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 Hagggle
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)

Thrasylvoulos Spyropoulos (ETH Zurich, Switzerland)

Ioannis Stavrakakis (University of Athens, Greece)

The workshop is jointly organized
by the projects:



funded by the FET-IST Programme

in the area
Situated and Autonomic
Communications (SAC)



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