

**International Workshop on UBIQUITOUS COMPUTING
Porto - Portugal 2004**

April 13, 2004

08:00 - 08:30 : Registration

08:30 - 08:40 : Workshop Opening and Welcome

08:40 - 09:50 : Keynote Presentation

Dr. Michael Berger, Siemens, Germany (50 mns)

Ubiquitous Computing and Ambient Intelligence

An Industrial View

Questions/Answers Period + Discussions (20 mns)

09:50 - 10:30 : Session on Interoperability and Semantics Issues-1

Nataliya Kohvakko (20 mns)

Characterization of Mobile Services in Heterogeneous
Communication Environments

Santtu Toivonen et al. (20 mns)

Context-Sensitive Conversation Patterns for Agents
in Wireless Environments

10:30 - 11:00 : Coffee Break

11:00 - 13:00 : Session on Interoperability and Semantics Issues-2

Ronald van Eijk et al. (30 mns)

Handling Heterogeneity in Context Aware services

Dmytro Zhovtobryukh: (30 mns)

Integration Issues in Communication Environments
Fuyuki Ishikawa (30 mns)

Mobile Agent System for Web Services Integration
in Pervasive Networks

Patricia Costa (20 mns)

Towards a Service Platform for Mobile Context-Aware
Applications

Discussions (10 mns)

13:00 - 14:30 : Lunch

14:30 - 16:00 : Session on Reliability, Performance, and Error Tolerance Issues

Amir Padovitz et al. (30 mns)

On Uncertainty in Context-Aware Computing: Appealing
to High-Level and Same-Level Context for Low-Level

Context Verification

Patrik Mihailescu et al. (30 mns)
Hold The Sources: A Gander at J2ME Optimisation Techniques
Farouk Belghoul (20 mns)
Performance Analysis on IP-based Soft Handover across
ALL-IP Wireless Networks
Discussions (10 mns)

16:00 - 17:00 : Coffee Break

17:00 - 18:30 : Session on Applications-1
Rich Gossweiler and Joshua Tyler (30 mns)
PLOG: Easily Create Digital Picture Stories Through Cell
Phone Cameras
Andry Rakotonirainy (30 mns)
Augmenting a Museum Visitor's Tour with a context aware framework
Andreas Zimmermann and Lucia Terrenghi (20 mns)
Designing Audio-Augmented Environments
Discussions (10 mns)

18:30 : Buses to Workshops Reception

April 14, 2004

08:00 - 08:30 : Registration

08:30 - 11:10 : Empty for conference opening

11:10 - 12:30 : Session on Applications-2
Helder Pinto and Rui Jose (30 mns)
Integrating local services and applications into external
user home environments
Amir Padovitz et al. (30 mns)
Stability in Context-Aware Pervasive Systems: a State-Space
Modeling Approach

12:30 - 13:00 : Session on Trust, Security, and Privacy Issues-1
Leonid Titkov (30 mns)
Enforcing Privacy via Brokering within Nomadic Environment

13:00 - 14:30 : Lunch

14:30 - 15:30 : Session on Trust, Security, and Privacy Issues-2
Dadong Wan and Anatole Gershman (30 mns)
Protecting People on the Move through Virtual

Personal Security
Rui He (30 mns)
A Context-Aware Entity Recognition Scheme for
Pervasive Computing

15:30 : 16:30 : Session on Access Control, Discovery, and Location Issues-1
Paulo Schneider (30 mns)
User and Location Management for Wireless Networks
Elena Pagani (30 mns)
A Service Discovery Infrastructure for Heterogeneous
Wired/Bluetooth Networks

16:30 - 17:00 : Coffee Break

17:00 - 18:20 : Session on Access Control, Discovery, and Location Issues-2
Duncan Bates et al. (30 mns)
A Proposed Model for a Context Aware Distributed System
Christian Hutter et al. (20 mns)
ADS-Directory Services for Mobile Ad-Hoc Networks Based
on an Information Market Model
Kazutaka Matsuzaki (20 mns)
Ubiquitous Application Development using a Mobile
Agent-based System
Discussions (10 mns)

18:20 - 18:30 : Workshop closing

18:30 : Buses to Welcome Reception
