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)

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

   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

------------------