



## First International Ubiquitous IT Europe Forum Conference

**Bonn, Germany, March 10 - 12, 2008**

**<http://www.ubiform.eu>**

### *Scope*

The world is changing at a tremendous pace. Computers are becoming so small that they are starting to disappear from our conscious perception and are starting to become ubiquitous. Computing devices are no longer confined to the desk and, if we take into account the technological advances of the past years, the vision of having thousand of them embedded in our everyday lives is becoming a reality.

The vision of Ubiquitous Computing was first formulated by Mark Weiser in 1999 and, nowadays, there is a whole community of scientists devoted to make it happen. Intelligent objects that communicate with each other using wireless technology and work together ubiquitously to achieve a common goal are called Cooperating Objects and are at the basis of this technology.

Although this technology is gaining momentum in Europe and laymen are starting to get interested in it, Asian governments, companies and research organizations are spending enormous amounts of resources in this field. This can be seen by the establishment of fully functioning u-cities in Korea of the size of average European cities and with construction budgets that exceed \$250 billion.

The purpose of the Ubiquitous IT Europe Forum is many-fold. First of all, we would like to make Ubiquitous technologies better known to a broader audience and to bring together professional from Asia and Europe currently working in the field of Ubiquitous Computing. Secondly, the Ubiquitous IT Europe Forum will serve as an enabling platform to allow for commercial collaborations and joint research ventures in a more global way. Finally, by having a better understanding of the state of the art from the point of view of Asian and European experts, we hope to be able to identify more accurately the topics that should constitute our joint efforts.

Finally, the purpose of the first Conference organized by the Ubiquitous IT Europe Forum, to be held between March 10th and 12th in Germany, is to establish a first contact between Asia and Europe by showing the technologies that make u-cities possible in Korea, as well as presenting the current European technologies and projects that deal with Ubiquitous Computing in a context that is not strictly academic.

### *Participation and Registration*

The cut-off date for early registration is February 29, 2008. Please register today to guarantee your participation since there is a limited number of available seats.

The registration is now open at: **<http://www.ubiform.eu/index.php?id=40>**

## Program Highlights

**Monday, March 10, 2008**

### Welcome messages:

- Prof. Dr. Matthias Winiger, Rector of the University of Bonn
- Mayor from the City of Bonn
- Prof. Dr. Andreas Pinkwart, Minister for Innovation, Science, Research, and Technology of Nord-Rhein Westphalen, Germany
- Committee chairwoman Edelgard Bulmahn, Committee for Economy and Technology from the German Parliament

### Keynotes:

- Prof. Dr. Pedro Jose Marron, *University of Bonn and Fraunhofer IAIS, Germany*
- Hamid Akhavan, *Board member Deutsche Telekom AG for T-Mobile, Product Development, Technology and IT, Germany*
- Dr. Shim Yoon, *Director of Ubiquitous Projects, Samsung SDS, Korea*
- Dr. Kostas Glinos, *Head of Unit Embedded Systems, European Commission*
- Dr. Taeyol Yoo, *Senior Vice President and Head, Management Research Lab, KT, Korea*
- Dr. Mun-Kee Choi, *President of the Electronics and Telecommunications Research Institute (ETRI), Korea*
- Prof. Dr. Dieter Rombach, *Fraunhofer IESE, Chairman of the Fraunhofer ICT Group, Germany*

**Tuesday, March 11, 2008**

### Keynote:

- Dr. Jorge Pereira, *European Commission*

### Panel discussion: "u-City and the u-Society"

- Moderator: Prof. Dr. Elgar Fleisch, *University of St. Gallen, Switzerland*
- Dr. Jorge Pereira, *European Commission*
- Peter Moeckel, *Director of T-Laboratories, Deutsche Telekom AG, Germany*
- Director of Ubiquitous Projects for the Ministry of Information and Communication of Korea
- Dr. Choi, Mun-Kee, *President of the Electronics and Telecommunications Research Institute (ETRI), Korea*

### Technologies for the u-City:

- The u-Infrastructure: USN/Rfid Middleware and Service Platforms
- Security for the u-Network and Information
- Ubiquitous unified device in u-Environments
- Context-Aware technology
- Location-Aware Technology
- The development strategy of the u-City testbed and the standardization of the u-City

- The u-City Management Center
- The u-Infrastructure: BcN and IPv6
- WiBEE and Code-System as a service in the u-City

### Presentations of European Projects:

- Cooperating Objects Network of Excellence (CONET)
- Platform for autonomous self-deploying and operation of wireless sensor-actor networks cooperating with aerial objects (AWARE)
- Embedded Middleware in Mobility Applications (EMMA)
- Service-oriented Cross-Layer Infrastructure for Distributed Smart Embedded Environments (SOCRADES)
- Wirelessly Accessible Sensor Populations (WASP)
- Knowledge Discovery in Ubiquitous Environments (KDUbiq)
- Collaborative Business Items (COBIS) and Smart Items
- Reconfigurable Ubiquitous Networked Embedded Systems (RUNES)

**Wednesday, March 12, 2008**

### Keynote:

- Dr. Jinsik Park, *Director of Ubiquitous Projects, KT, Korea*

### Ubiquitous Applications:

- u-Learning
- u-Robot
- u-Health / u-Hospital
- u-Logistics with RFID technology
- u-Transport
- u-Entertainment
- u-Public
- u-Work / u-Office

Throughout the conference, there will be a showcase and demonstration of currently available technologies for the u-City

## Contact

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