

First Announcement and Call for Papers

International Workshop on Ubiquitous Computing IWUC'2004

April 13-14, 2004 - Porto, Portugal

In conjunction with the Sixth International Conference on Enterprise Information Systems
ICEIS'2004

<http://www.iceis.orgs/workshops/iwuc/iwuc2004-cfp.html>

The development and availability of new computing and communication devices, and the increased connectivity between these devices, thanks to wired and wireless networks, are enabling new opportunities for people to perform their operations anywhere and anytime. Furthermore, due to the high acceptance rate of such devices by the user community, it is expected that these devices will become so pervasive that most users will take them for granted. Generally known as Ubiquitous Computing (UC), the vision of UC is to push computational services out of conventional desktop interfaces into environments characterized by transparent forms of interactivity. The objective of this workshop will be to present, discuss, and explore latest technical developments in the emerging field of UC as well as potential future directions and issues. Original papers are solicited on the topics mentioned below.

Topics of interest

- Mobile computing vs. Pervasive computing vs. Ubiquitous computing
- Design methodologies and evaluation techniques
- New interfaces and modes of interactions between people and ubiquitous computing devices, applications or environments.
- Grid computing technologies for Wireless networks
- Context awareness
- Agent-based ubiquitous applications
- Services for ubiquitous applications
- Middleware for service discovery
- Integration of wired and wireless networks
- Enabling technologies such as Bluetooth, 802.11, etc
- Security and privacy issues
- Visionary future scenarios
- Mobile services
- Performance tuning of mobile applications

Submission of Papers

There will be two types of papers: long (approx. 4000 words) and short (approx. 2000 words). Furthermore, a keynote speaker and a discussion panel are planned.

Important Dates

Full paper submission: December 15, 2003
Author notification: January 30, 2004
Camera-ready: February 15, 2004

Co-Chairs:

Soraya Kouadri Mostéfaoui
Dep. of Computer Science, University of Fribourg Switzerland

Zakaria Maamar
College of Iss Zayed University, Dubai U.A.E

Omer Rana
School of Computer Science and Welsh E-Science Center, Cardiff University, UK

Location

The workshop will be held at the Universidade Portucalense in Porto, Portugal.