

CALL FOR ARTICLES

Journal of Universal Computer Science

Special Issue: Mobile Context-Aware Applications for Ubiquitous Computing

NEW Submission deadline: January 31, 2010

Mobile devices are changing users' technological habits since the possibilities to be connected to Internet everywhere are increasing as technology is surrounding all aspects of users' life. A user with a mobile device can find that its standard functionality can be extended with those applications and services provided by the environment. Moreover, the user can influence in the environment by means of its interactions. An important requirement is that the mobile device has to be able to interact with the context. Recent advances in mobile technology are providing mobile users with the capacity to interact with their surrounding world.

Mobile systems can be deployed in a wide range of physical environments. The context awareness needed in these scenarios is much more than a question of location or positioning. These systems have to address more sophisticated techniques to adapt the system's behavior to the context of the user.

This Special Issue is intended to offer an innovative and original vision of the now and future context-aware applications for ubiquitous computing.

TOPICS COVERED

- Approaches to Applications development
- Mobile and Ubiquitous devices and pervasive environments
- Application design
- Technology and Platform analysis
- Global Pervasive computing issues
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- Trends in HCI techniques
- Usability evaluation
- User Interface Personalization
- Interface designs for pervasive technologies
- Modeling context-aware applications
- Online and Pervasive communities
- Interface design implications
- Human psychology and social aspects of computing and applications
- Education and training
- Social ambient intelligence
- Context-aware adaptation
- Human factors in Ubiquitous computing
- Mobile application contexts
- Process models for context-aware systems
- Collaborative issues in context aware systems

SUBMISSION OF PAPERS

All manuscripts should be submitted by email to the guest editors. The papers must be formatted according to J. UCS guidelines (see <http://www.jucs.org/ujs/jucs/info/submissions> to get sample formats in LaTeX and Word). This special issue seeks both theoretical and practical articles. All articles selected for publication will be reviewed by at least two reviewers with expertise in the area.

IMPORTANT DATES

January 31, 2010	NEW Submission deadline
March 31, 2010	Review First Round
April 30, 2010	Revision of Accepted Papers
June 30, 2010	Final Selection of Papers for the Special Issue
Autumn 2010	Publication

GUEST EDITORS

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