

SMPE 08

The 2nd International Symposium on Security and Multimodality in Pervasive Environments

www.na.icar.cnr.it/smpe08

July 21-25, Trinity College Dublin, Ireland

In Conjunction with **MOBIQUITOUS 2008**

<http://www.mobiquitous.org/>

Meeting Management Services Provided by



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Kyungnam University, Korea

Dr. Antonio Coronato
ICAR-CNR, Italy

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Scope

Pervasive computing environments present specific peculiarities with respect to aspects like security and multimodality. As a matter of fact, the accessibility level of a virtual environment can definitively be improved by natural interfaces and multimodal interaction systems, which offer users the freedom to select from multiple modes of interaction with services and permit to break down barriers about human-computer interaction making communication intuitive and spontaneous. On the other hand, while enlarging and easing the ways to access to the environment, security threats arise and the environment must be properly equipped in order to protect itself from malicious attacks and/or from wrong actions performed by inexperienced users. SMPE-08 will be held in conjunction with Mobiquitous 2008, in Dublin, Ireland, July 21-25, 2008.

Distinguished papers accepted and presented in SMPE-08, after further revisions, will be published in **special issue on "Security and Multimodality in Pervasive Environments" of Wireless Personal Communications - Springer** indexed by SCIE (confirmed).

Topics

- Trust and reputation management in UE
- Security applications and services in pervasive computing
- Security model for pervasive computing
- Intelligent multimedia security services in pervasive computing
- Key management and authentication in pervasive computing
- Network security issues and protocols in pervasive computing
- Access control and privacy protection in pervasive computing
- Security Standard for next pervasive computing
- Security in Human Centred Environments
- Natural interfaces security issues
- Advanced multimodal interfaces
- Human oriented interfaces
- Multimodal mobile and ubiquitous services
- Methods for multimodal integration
- Middleware services for multimodal and pervasive applications
- Context-Awareness in multimodal applications
- Multimodal analysis and recognition of context
- Next ubiquitous and immersive environments
- Virtual reality and ubiquitous computing
- Usability and accessibility in ubiquitous applications
- Applications and scenarios
- Others: Commercial or Industrial Issue in pervasive computing

Paper Submission

Proceedings will be available via the ACM digital library. Papers must not exceed 6 pages. Please use ACM template available at <http://www.acm.org/sigs/publications/proceedings-templates> and submit your paper at <http://www.easychair.org/conferences/?conf=smpe08>

Contact

For further information regarding the workshop and paper submission, please contact Program Chairs

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Important dates

- Paper Submission: **May 12, 2008 (Extended)**
- Notification of Acceptance: **May 30, 2008**
- Camera-ready Version: **June 8, 2008**
- Event day: **July 21, 2008**