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#### Important Dates:

Paper submission:  
**15 December 2007**

Acceptance notification:  
**15 March 2008**

Final papers:  
**01 May 2008**

Publication:  
**Fall / Winter 2008**

#### Submission Guideline:

All manuscripts and any supplementary material should be submitted through Elsevier Editorial System (EES). The authors must select "Secure Multi-Mode Systems" when they reach the "Article Type" step in the submission process. The EES website is located at

## CALL FOR PAPERS

### Special Issue of Computer Communications on *Secure Multi-Mode Systems and their Applications for Pervasive Computing*

<http://www.elsevier.com/locate/comcom>

#### Scope:

To implement pervasive computing applications is a great challenge in order to achieve a good balance of security and accessibility. The accessibility can be improved by multimode systems that can facilitate the access of the people who may not have their technological ability or may have their physical disabilities. As a result, multimode interaction offers users a great freedom to select from different modes of interaction with services and helps to overcome the barriers on human-computer interaction, making the human-machine communication intuitive and spontaneous. On the other hand, security requires that the environment be able to protect itself from malicious attacks and/or from erroneous operations caused by non-experts.

The main objective of this Special Issue is to report the state-of-the-art research in this fast-growing area, and to propose new methods, techniques and approaches for enhancing both security and accessibility of the pervasive computing applications. Some suggested topics include but are not limited to:

- Secure multimodal system for pervasive computing
- Security services for pervasive computing
- Advanced multimodal interfaces
- Human oriented interfaces
- Multimodal mobile and pervasive services
- Methods for multimodal integration
- Middleware services for multimodal and pervasive applications
- Context-awareness in multimodal applications
- Next ubiquitous and immersive environments
- Security system and services in pervasive computing
- Security policy and 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
- Others related issues: commercial or industrial issue in pervasive computing

#### Submission Format and Review Guidelines:

The submitted papers must be written in English. In addition, the papers, which have been previously presented in conferences, could be submitted to this special issue if they are substantially revised and enhanced by at least 30 % from their earlier versions. Each submission will be peer-reviewed by at least three reviewers.

Submissions should include an abstract, 5-10 key words, and the e-

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mail address of the corresponding author. The paper length should not exceed 30 double-spaced pages including figures and references on 8.5 by 11 inch paper using at least 11 point font. Please contact the guest editors for more information about the special issue.