Call for Papers

Journal of Location Based Services

Special Issue on Privacy-Aware Location Based Mobile Services

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The combined functionality of location-aware devices, wireless networks, and mobile computing is enabling a new era of location-based mobile services. Examples of such services include location-aware emergency services, elder care, navigation and wayfinding, location-based marketing, and location-based gaming. While location-based services promise increased safety and convenience, inappropriate use of an individual's location information presents threats to personal privacy and security. Recent social studies show that as people become more privacy-aware as they tend to avoid using location-based services in order to maintain their location privacy. As a result, there is a real concern that the privacy issues are becoming a barrier to more widespread development and use of location-based services.

This special issue aims to provide a compendium of the state-of-the-art in research on location privacy. It follows on from a recent workshop on privacy-aware location-based services PALMS'07 at MDM 2007 (www.cs.umn.edu/~cchow/palms07/). Although it is intended primarily as an outlet for the publication of full papers arising from this workshop, the special issue is open to all researchers working in the field of location privacy. We aim to publish research articles covering a range of aspects of the field, including but not limited to:

- Context-awareness and location privacy
- Location privacy in ubiquitous computing
- Handling imprecision in location-aware computing
- Legislation and location privacy protection
- Location anonymity techniques
- Non-intrusive location tracking
- Models of location privacy attacks
- Location privacy in sensor networks
- Query processing for private location data
- User interfaces for privacy-aware systems

We invite full research articles as well as short research communications (up to 2000 words in length). Articles must be in digital form and must conform to standard JLBS guidelines for authors. All papers will go through the normal peer review process. The deadline for submissions is July 30th, 2007. The instructions for authors can be found at:

http://www.tandf.co.uk/journals/titles/17489725.asp

Submissions should be made using the journal's own online submission system. When making a submission, please be sure to mention the special issue in your covering letter. Enquiries regarding the special issue are welcomed and may be addressed to any of the guest editors:

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