



## Call for Papers

The Vienna University of Technology is pleased to invite you to contribute to the  
**8<sup>th</sup> International Symposium on Location-Based Services.**  
The event is supported by the International Cartographic Association (ICA).

**Participants and focus.** This symposium is addressed to scholars, researchers, digital industry / market operators, and students of different backgrounds (scientific, engineering and humanistic) whose work is either focused on or affined to location-based services (LBS). The symposium will offer a common ground to colleagues from various disciplines and practice where they can meet, interact and exchange knowledge, experience, plans and ideas on how LBS can and could be improved and on how it will influence both science and society.

**Topics.** We invite contributions in the following areas:

- Ubiquitous positioning
- Indoor positioning
- Smart environments and ambient spatial intelligence
- Spatio-temporal data acquisition, processing, and analysis
- Data mining and knowledge discovery
- Personalization and context-aware adaptation
- Visualization techniques for LBS
- Novel user interfaces and interaction techniques
- 3D and Augmented Reality
- Innovative LBS systems and applications
- Wayfinding and navigation
- User studies and evaluations
- Privacy and usability
- Human factors in LBS
- Legal and business aspects in LBS
- LBS and Web 2.0
- Ubiquitous and Smart Cities
- Open source solutions and standards

**Scientific Committee.** The conference is advised by a board of well-known international experts. There are so many of them they don't even fit on this paper. Check them out on the website.

**Submissions.** We invite the following types of contributions:

- **Full papers.** To present significant scientific results. Peer review of the full paper. If accepted, you are invited to give an oral presentation at the symposium and the full paper will be published in a special issue of Springer's Lecture Notes in Geoinformation and Cartography and/or in the Journal of Location Based Services by Taylor & Francis. If the reviews are not positive, we might still consider the submission for the following category.
- **Work in progress.** To present ongoing work. Review of the abstract. If accepted, you are invited to give an oral presentation at the symposium and an extended abstract or full paper (your choice) will be published in the digital proceedings of the symposium.
- **Showcases.** Live presentations of products and developments. Showcase presenters can submit an extended abstract or full paper for the digital proceedings of the symposium, as long as it is scientific. Please contact us for individual arrangements.

**Dates.** Please submit your contributions according to the guidelines (see website) and the following deadlines:

**15 May 2011:** Submission of work in progress and full papers

**July 2011:** Notification of acceptance

**1 August 2011:** Early bird registration

**1 September 2011:** Submission of showcases

**1 September 2011:** Submission of final versions of full papers and extended abstracts (in all categories)

**Contact.** The Workshop will be held at Vienna University of Technology, Vienna, Austria and is organized by Prof. Georg Gartner (georg.gartner@tuwien.ac.at). For questions please contact info@lbs2011.org