



# LBS 2016

13<sup>th</sup> Conference on Location-Based Services  
Vienna, 14–16 November 2016

## Call for Papers

The ICA Commission on Location-Based Services and Technische Universität Wien are pleased to invite you to contribute to the 13<sup>th</sup> International Conference on Location-Based Services, 14–16 November 2016

**Participants and focus** The conference will offer a common ground to colleagues from various disciplines 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:

- Outdoor and indoor positioning
- Multi-sensor systems and sensor fusion
- Smartphone-based positioning
- Smart environments and ambient spatial intelligence
- Indoor spatial data model and mapping
- Spatio-temporal data acquisition, processing, and analysis
- LBS, crowdsourcing and volunteered geographic information (VGI)
- Location-based social network
- Geotagged big data
- 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
- LBS and transportation applications
- User studies and evaluations
- Privacy and usability
- Human factors in LBS
- Smart cities
- Legal, ethical and business aspects in LBS
- Open source solutions and standards

### Organized by

- ICA Commission on Location-Based Services
- Technische Universität Wien, Research Group Cartography

**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 conference and the full paper will be published in a special issue of Springer's Lecture Notes in Geoinformation and Cartography or in the Journal of Location Based Services by Taylor & Francis. If the reviews are not positive, we might 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 online proceedings of the symposium.
- **Showcases** – live presentations of products and developments. Showcase presenters can submit an extended abstract or full paper for the online 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:

- 1 June 2016: Submission of *full papers*
- 1 July 2016: Submission of abstracts for *work in progress*
- July 2016: Notification of acceptance for *full papers*
- August 2016: Notification of acceptance for *work in progress*
- End of August 2016: Submission of camera-ready *full papers*
- 18 September 2016: Submission of abstracts for *showcases*
- 15 October 2016: Submission of final papers for online proceedings