



Call for Papers

ETH Zürich and the ICA Commission on Location Based Services are pleased to invite you to contribute to the **14th International Conference on Location Based Services**, 15-17 January 2018

Participants and focus

The conference 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

- 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 networks
- 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
- Smart cities
- Legal, ethical and business aspects in LBS
- Open source solutions and standards

Submissions

We invite the following types of contributions:

Full papers ▪ *present significant scientific results.*

Peer review of the full paper (up to 22 pages). If accepted, you are invited to give an oral presentation at the conference and the full paper will be published in Springer's Lecture Notes in Geoinformation and Cartography Series.

Work in progress ▪ *present ongoing work.*

Peer review of a short paper (up to 5 pages). If accepted, you are either invited to give an oral or a poster presentation at the conference. Your work-in-progress paper will be published in the online proceedings of the conference (with an ISBN).

Showcases ▪ *live presentations.*

Showcase abstracts will be reviewed by the PC chairs (up to 2 pages).

The best accepted full and work-in-progress papers will be invited to submit an extended version to the Journal of Location Based Services.

Dates

12 Jul 2017 Submission of full & work-in-progress papers

29 Sep 2017 Notification of acceptance for full & work-in-progress papers

13 Oct 2017 Camera-ready full & work-in-progress papers

15 Nov 2017 Submission for showcases

22 Nov 2017 Notification of acceptance for showcases

Organization

- PC Chairs**
- Peter Kiefer (ETH Zurich)
 - Haosheng Huang (University of Zurich)
 - Nico Van de Weghe (Ghent University)

General Chair ▪ Martin Raubal (ETH Zurich)

<http://lbsconference.org/> →