



# Commission on Location Based Services

- Enabling 4A (anywhere, anytime, for anyone and anything) Services -

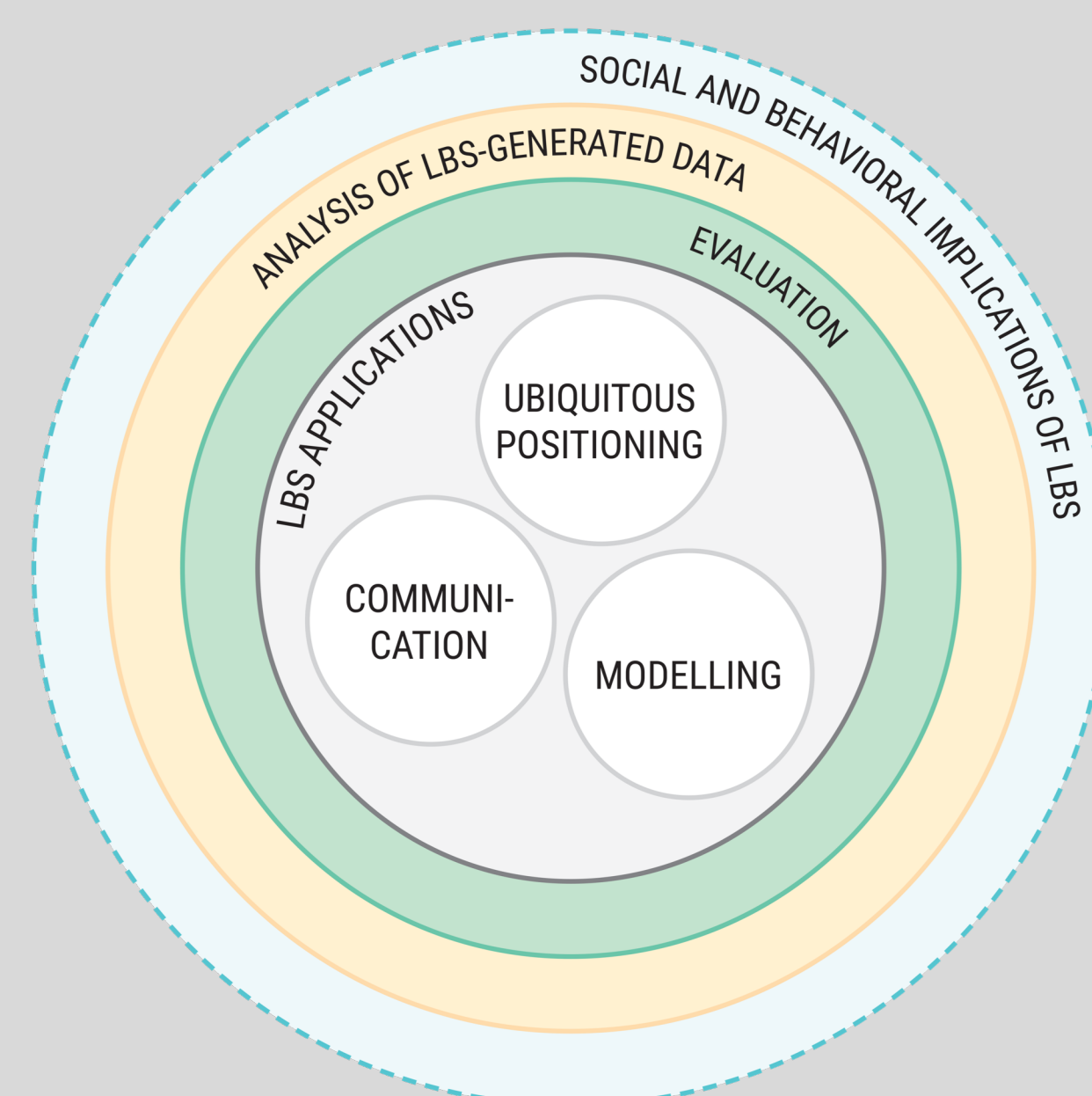
## LBS Research Agenda

The LBS Research Agenda aims to motivate further LBS research and stimulate collective efforts, with the goal to “positively” shape the future of our mobile information society. It highlights a series of research challenges.

- ✓ Ubiquitous Positioning
- ✓ Context Modelling and Context-Awareness
- ✓ Mobile User Interface and Interaction
- ✓ Analysis of Location-Based Big Data
- ✓ User Studies and Evaluation
- ✓ Social and Behavioral Implications of LBS
- ✓ Innovative LBS Applications

Haosheng Huang, Georg Gartner, Jukka M. Krisp, Martin Raubal & Nico Van de Weghe (2018): *Location based services: ongoing evolution and research agenda*, *Journal of Location Based Services*, DOI: 10.1080/17489725.2018.1508763

LBS Research Agenda is a result of a series of activities organized by the LBS Commission during 2016-2018. It was a joint effort of the LBS research community. For more details, please refer to <https://lbs.icaci.org/research-agenda/>



## Selected Publications

- Huang, H., Yao, X., Krisp, J., Jiang, B. (eds) (upcoming): *Special Issue “Geospatial Big Data Analytics for Smart Cities”*, *Computers, Environment and Urban Systems*.
- Yao, X., Huang, H., Jiang, B., Krisp, J. (eds) (2019): *Special Section “Social Media and Tracking Data”*, *International Journal of Geographical Information Science*, 33(4).
- Gartner, G., Huang, H. (eds) (2018): *Special Issue “LBS”*, *ISPRS International Journal of Geo-Information*.
- Kiefer, P., Huang, H., Van de Weghe, N., and Raubal, M. (eds) (2018): *Progress in Location-Based Services 2018*, *Lecture Notes in Geoinformation and Cartography*, Springer, Cham (DOI: 10.1007/978-3-319-71470-7).
- Kiefer, K., Huang, H., Van de Weghe, N., Raubal, M. (eds) (2018): *Adjunct Proceedings of the 14th International Conference on LBS*. ETH Zurich, doi:10.3929/ethz-b-000224043.
- Gartner, G. and Huang, H. (eds) (2017) *Progress in Location-Based Services 2016*, *Lecture Notes in Geoinformation and Cartography*, Berlin/Heidelberg, Springer.
- Gartner, G., Huang, H. (eds) (2016): *Proceedings of 13th International Conference on LBS*, Vienna, Austria, November 14-16, 2016, ISBN 978-1-907075-02-5.
- Krisp, J. (eds) (2016): *Special issue on Progress in LBS 2015*. *Journal of Location Based Services*, 10(1).



## Selected Conferences and Workshops

### LBS Conferences

<https://lbs.icaci.org/lbs-conferences/>

LBS 2015 | Augsburg | Germany | Sep 16-8, 2015

LBS 2016 | Vienna | Austria | Nov 14-16, 2016

LBS 2018 | Zurich | Switzerland | Jan 15-17, 2018

LBS 2019 | Vienna | Austria | Nov 11-13, 2019 (upcoming)



LBS 2015 Augsburg, Germany



LBS 2016 Vienna, Austria



LBS 2018 Zurich, Switzerland

### Sessions at ICC and Pre-ICC Workshops & Symposiums

LBS Sessions at ICC 2017

Pre-ICC2017 Symposium on Location-Based Social Media and Tracking Data | Washington DC | USA | July 1-2, 2017

Pre-ICC2019 Workshop on Mobile Map User Experience (UX) Design | Beijing | China | July 11-12, 2019

Pre-ICC2019 Symposium on Location-Based Big Data 2019 (LocBigData 2019) | Tokyo | Japan | July 15, 2019

LBS Sessions at ICC 2019