

THE 5TH INTERNATIONAL CONFERENCE ON ENTERPRISE SYSTEMS ES2017

22-24 SEPTEMBER 2017, BEIJING, CHINA

Special Session on “Indoor Localization and Navigation” Call for Papers

Indoor localization has become a key issue for emerging location based services (LBS) in many activity areas. The indoor localization and navigation special session aims to bring together researchers from scholars, researchers, digital industry / market operators, and students of different backgrounds (scientific, engineering and humanistic) whose work is either focused on or relevant to LBS. The session should stimulate the exchange of ideas 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.

We encourage original submissions to different paper categories (full, short, poster and demo) related to, but not limited to, the following indoor positioning/navigation and location based system topics:

- Hybrid Positioning with multi-sensor fusion
- Smartphone-based positioning
- Magnetic Localization
- UWB (Ultra-wideband)
- Visible light Systems
- Ultrasound Systems
- Hybrid IMU Pedestrian Navigation & Foot Mounted Navigation
- Signal Strength Based Methods, Fingerprinting
- High Sensitivity GNSS, Indoor GNSS, Pseudolites
- Passive & Active RFID
- Localization, Algorithms for Wireless Sensor Networks
- Human Motion Monitoring
- Spatio-temporal data acquisition, processing, and analysis
- Indoor Spatial Data Model & Indoor Mobile Mapping, SLAM
- Location Privacy
- Crowdsourcing and volunteered geographic information (VGI)
- Location-based social networks
- Visualization techniques for LBS
- Geotagged big data
- Applications of Location Awareness & Context Detection
- LBS and transportation applications

Submission

When you submit your paper, please select this section in the submission system.

Principal Organizer:

Dr. Haiyong Luo (email: yhluo@ict.ac.cn) Affiliation: Institute of Computing Technology, Chinese Academy of Sciences, China

Organizers:

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Important Dates:

Submission deadline: May 31, 2017 (passed)

Notification of acceptance: July 7, 2017

Final manuscript due: July 31, 2017

Registration due: Aug. 22, 2017

Note: the special sessions apply the same deadlines and submission instructions, please check the updated deadline at <http://www.ie.tsinghua.edu.cn/es2017> .