



IPIN 2019

TENTH INTERNATIONAL CONFERENCE ON
INDOOR POSITIONING
AND INDOOR NAVIGATION
30 September - 3 October 2019, Pisa, Italy

Technically co-sponsored by



Call for papers

The tenth edition of the International conference on Indoor Positioning and Indoor Navigation and the sixth IPIN Competition are taking place in Pisa, Italy. Launched in 2010 in Zurich, Switzerland, IPIN is a unique event entirely dedicated to indoor localisation, its applications and its development.

Join the 400 expected industrial and academic experts in informatics, electronics and surveying to address this challenge. Discuss in person scientific and industrial matters, witness state-of-the-art systems and methods, participate in the uniquely challenging IPIN competition and enjoy the ancient town of Pisa and beautiful Tuscany.

IPIN solicits submission of high quality technical papers reporting original work not previously published, nor currently submitted for consideration elsewhere. Papers are submitted as one of two types:

- Regular paper: limited to 8 IEEE format pages, for oral presentation
- Work-in-Progress (WiP) paper: from 5 to 8 LNCS format pages, for poster or oral presentation

Paper submission instructions are found at <http://ipin2019.isti.cnr.it>. Papers undergo a single-blind peer review process by at least two reviewers. Accepted regular papers are submitted to [IEEE Xplore Digital Library](#), accepted WiP papers to [CEUR-WS.org](#), which is regularly scanned for indexing by DBLP and Scopus.

Topics of interest include:

- User requirements
- UI, indoor maps and 3D building models
- Human motion monitoring and modelling
- Robotics and UAV
- Indoor positioning and tracking methods
 - AoA, TOF, TDOA based localisation

- RSSI, magnetic fingerprinting
- PDR, IMU and hybrid systems
- UWB, ultrasound, optical systems
- RFID, radar, device-free systems
- Mapping, SLAM
- Frameworks for hybrid positioning
- Cooperative, machine learning systems
- Seamless systems
 - HS-GNSS, indoor GNSS, pseudolites
 - RTK GNSS with handheld devices
 - Mitigating GNSS error switching to indoor
 - Industrial metrology & geodetic systems, iGPS
- Self-contained sensors
- Wearable and multi-sensor systems
- Privacy and security for ILS
- Location-based services and applications
- Health and wellness applications
- Benchmarking, assessment, evaluation, standards

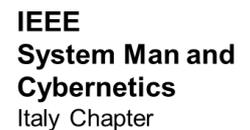
Special sessions on Evaluation and Machine learning.

The sixth **IPIN Competition** will take place the days before the conference in Pisa, in the [Pisa CNR Area](#), following the traditional format with both on-site and off-site tracks.

The conference includes **keynotes, tutorials and industry exhibitions**. Confirmed keynote speakers include Nader Moayeri, Neal Patwari, Domenico Mariotti.

We are at <http://ipin2019.isti.cnr.it> and on Twitter [@ConferenceIpin](#)

Important Dates	
Paper submission (extended):	10-May 26 May
Notification of acceptance:	30 June
Camera-ready:	21 July



Consiglio Nazionale delle Ricerche

Area della Ricerca di Pisa