

Work-in-progress Proceedings of the
International Conference on Indoor Positioning
and Indoor Navigation,
IPIN 2021

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Preface

This volume contains the Work-in-Progress papers presented at IPIN 2021, the Eleventh International Conference on Indoor Positioning and Indoor Navigation (<http://ipin-conference.org/2021/>) held in Lloret de Mar, Spain, between November 29th and December 2nd, 2019. Launched in 2010 in Zurich, Switzerland, IPIN is a unique event entirely dedicated to indoor localisation, its applications and its development.

Locating devices in indoor environments has become a key issue for many emerging location-based applications (LBA) in different fields. However, nowadays there is no overall and easy solution. Despite a large-scale deployment of such location systems is not available yet, this strategic topic is called to lead technological innovations of great impact on the daily activities of people in the coming years, in areas such as health and independent living, leisure, security, etc. Since the first edition, the Indoor Positioning and Indoor Navigation (IPIN) has been an excellent forum to bring together researchers, developers and service providers in positioning and indoor navigation.

Each year, IPIN solicits submission of high quality technical papers reporting original work not previously published, nor currently submitted for consideration elsewhere. In IPIN 2021 papers are submitted as one of two types:

- Regular papers (RP), limited to 8 IEEE format pages, and for a 20 minutes oral presentation.
- Work-in-Progress (WiP) papers, from 5 to 16 in single-column CEUR-WS format and for a 5 minutes oral presentation.

Both, RP and WiP, could be presented Face-to-face or online, due to the covid-19 pandemic situation.

RP proceedings have been submitted to IEEEExplore and can be found at the following link: <https://ieeexplore.ieee.org/xpl/conhome/9662499/proceeding>

This volume collects the WiP papers. Each paper was reviewed by at least two members of the Program Committee of the Conference and, on the basis of their recommendations, 41 documents have been selected for publication and presentation as WiP at IPIN 2021, 20 of them online.

We thank all members of the IPIN 2021 Program Committee for their effort in the review process that was fundamental for maintaining the high scientific level of the conference and all the researchers of the IPIN community who supported this event by submitting their work and actively participating in it.

January 2022

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