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Second Call for Papers

<http://icmim-ieee.org>

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Important dates

PAPER SUBMISSION DEADLINE

December 10, 2017

ACCEPTANCE NOTIFICATION

February 4, 2018

EARLY BIRD REGISTRATION DEADLINE

February 18, 2018

CONFERENCE DATE

April 16-18, 2018

2018 International Conference on Microwaves for Intelligent Mobility, ICMIM2018

16-18 April 2018, Munich, Germany

About the conference

The 4th annual IEEE International Conference on Microwaves for Intelligent Mobility will be held in Munich, Germany. The conference covers all key enabling technologies for intelligent mobility, including components, circuits, and systems, from decimeter to millimeter waves. Potential applications address automated land, sea, and airborne vehicles, automotive radar and other sensing techniques, navigation and localization, mobile communications, driver assistance, and over-the-air testing.

ICMIM 2018 invites submission of original papers on all topics related to the scope of the conference, including but not limited to:

- Microwave components, MMIC, and packaging
- Frontends and frontend modules
- Design and testing of antennas, arrays, and MIMO systems
- Automotive radar systems, modulation and waveforms
- Wave propagation, channel measurements, channel modeling
- Analogue RF and digital signal processing, sensor data fusion
- Interference and coexistence issues

in these and related fields of applications:

- RF for intelligent transport systems and other industrial applications
- Unmanned vehicles (land, sea, airborne)
- Automotive radar
- Mobile communications (e.g., ITS-G5/DSRC, C-V2X, LTE, 5G)
- Sensing and imaging techniques and systems (passive, active)
- Wireless localization and navigation
- Environmental detection
- System measurements, performance evaluation, test and validation

Conference Organisation

The conference contributions will be arranged as regular oral or interactive poster presentations in up to two parallel tracks. Internationally renowned keynote and invited speakers from industry and academia will highlight the state-of-art in key areas of ICMIM. The conference also hosts an industrial exhibition and offers a topical workshop on “New radar technologies for autonomous driving – sensors, algorithms, and testing”.

Paper Submission

Paper submission instructions are provided on the internet. Submissions undergo thorough review and will be evaluated in terms of novelty, practical relevance, originality, interest to the community, and clarity. Measured data should be provided, to verify numerical or analytical results. The best paper will receive the ICMIM 2018 Innovation Award.

All accepted papers will be published in IEEE Xplore. Selected contributions may be eligible for publication of extended versions in Special Issues of the IEEE Transactions on Microwave Theory and Techniques (T-MTT) or IEEE Transactions on Intelligent Vehicles (T-IV).

