



VIRTUAL

10-12 Sep, 2020

**Leela Palace, Old Madras Road
Bangalore**

<https://ieee-wf-5g.org/workshop-on-imt-2020-radio-interface-technologies/>

Organizers:

Dr Navin Kumar, Amrita Univ
Dr Divyang Rawal, LNMIIT
Ms Vertika Misra, COAI
Dr Punit Rathod, Intel
Dr Sendil Devar, Ericsson
Dr Vinosh James, Qualcomm
Niranth Amogh, Huawei

Patron:

Vikram Tiwathia, COAI

Important Dates:

Submission: 17 June 2020

Notification: 15 July 2020

Camera Ready: 31 Jul 2020

For queries, please contact:

Navin Kumar
naivnkumar@ieee.org
vsrivastava@coai.in

For workshop list, please visit:

<https://ieee-wf-5g.org/call-for-papers/#workshopPapers>

The framework of standards for International Mobile Telecommunications (IMT), encompassing IMT-2000 and IMT-Advanced, spans the 3G and 4G industry perspectives and continues to evolve as 5G with IMT-2020. IMT is increasingly becoming the sole means for accessing communication, information, and entertainment. IMT systems, technologies, and architectures supporting mobile broadband continue to evolve to improve on spectrum efficiency & utilization. IMT 2020 (5G) standards are in the process of becoming official in a couple of months. There are numerous use cases for various extreme requirements and large set of technologies developed by a large number of research communities.

Candidate IMT-2020 Technologies were developed to address the set of TPR define by ITU-R Working Party 5D in early year 2017. Some of these technologies continue to evolve, addressing new uses cases, applications and vertical. This workshop is being organized to deliberate on the technology components of these candidates. The workshop calls for contributions in the form of original papers on such areas and topics listed below:

Area and Topics for submission:

- mmWave channel models
- AAS & beam management
- Low latency radio processing
- Energy Efficiency in massive MTC
- Waveform design for mmWave
- FEC for 5G
- Reliability Optimizations for Industrial IoT
- Mobile Edge Computing with 5G
- IMT 2020 5G Standards
- 3GPP Release 16, 17
- Use Cases
- Enabling technologies
- Spectrum
- 3GPP 5G standards and related areas

Research paper/works, invited papers are invited from experts. Authors interested in publishing their original work are suggested to prepare their manuscripts in IEEE Xplore Conference proceeding template given at below link. Please submit your work here:

Please submit: <https://edas.info/newPaper.php?c=26958&track=102153>

Workshop Details - <https://ieee-wf-5g.org/workshop-on-imt-2020-radio-interface-technologies/>

Submission Process: Technical paper submissions can be up to 6 pages long and should be written either in a MS Word format or in a Latex format using the templates available at <https://www.ieee.org/conferences/publishing/templates.html>

All papers must be submitted electronically through EDAS LINK.:

<https://edas.info/newPaper.php?c=26958&track=102153> Accepted papers will be submitted for inclusion into IEEE Xplore. To be published in the IEEE 5G World Forum 2020 Conference Proceedings and to be eligible for possible publication in IEEE Xplore®, an author of an accepted paper is required to register for the conference and the paper must be presented by an author of that paper at the conference.

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