

# IEEE 5G WORLD FORUM

The flagship event of the IEEE Future Networks Initiative

10-12 September 2020  
Bangalore, India

[ieee-wf-5g.org](http://ieee-wf-5g.org)



## CALL FOR PAPERS and PROPOSALS

### TECHNICAL PAPERS

- Track 1: 5G Technologies
- Track 2: 5G Application and Services
- Track 3: 5G & IoT
- Track 4: 5G Security and Privacy
- Track 5: 5G Trials, Experimental Results and Deployment Scenarios
- Track 6: 5G Hardware and Test / Measurements
- Track 7: 5G Special Verticals
- Track 8: 5G Special Topicals

### WORKSHOP PAPERS

- SS1: New IP and Future Internet data Planes (NIPFIP)
- WS1: Workshop on 5G Security: Current Trends, Challenges and New Enablers
- WS2: Workshop/Industry Panel: 5G Validation Trials Across Multiple Vertical Industries
- WS3: Blockchain based Secure Trust Environment Model for 5G (B-STEM-5G- 2020)
- WS4: 5G from Theory to Practice (5GToP) Workshop
- WS5: 3rd Workshop on Blockchain for 5G/6G, IoT, and CPS
- WS6: Workshop Evolution of Connected Vehicles: The Role of AI/Machine Learning, Emerging Standards, and 5G and Beyond
- WS7: Workshop on Satellite and Non-Terrestrial Networks for 5G
- WS8: Workshop on Optical Wireless Communication for 5G and Beyond
- WS9: Workshop on Large Scale Experimentation

### PROPOSALS

- Tutorials
- Industry Forums & Panel Sessions
- 5G Vertical Areas
- 5G Topical Areas
- Industry Demonstrations
- Entrepreneurship and Innovations Forum (EIF)

Papers will be fully peer reviewed. If the paper is accepted and presented, it will be included in the conference proceedings and submitted to the IEEE Xplore® Digital Library. IEEE Xplore® is an Abstract and Indexing (A&I) Partner with Elsevier Scopus, so any paper included in Xplore will also be available to Scopus. IEEE takes the protection of intellectual property very seriously. All submissions will be screened for plagiarism using Cross Check. By submitting your work, you agree to allow IEEE to screen your work for plagiarism.

The 5G World Forum recognizes that COVID-19 creates a feeling of uncertainty around future events. Please know that we are committed to the publication and indexing of all accepted and registered papers in IEEE Xplore.

The 2020 IEEE 3<sup>rd</sup> 5G World Forum (5GWF'20) in Bangalore, India, seeks contributions on how to nurture and cultivate 5G technologies and applications for the benefit of society. 5G systems should unveil a novel mobile network architecture that not only improves physical data rate, but also creates a new ecosystem allowing the deployment of novel services and applications. A key target is to build a novel network architecture that should support not only classical mobile broadband applications and services but also vertical industry (e.g., Intelligent Transport, Industrial IoT, eHealth, etc.) and other 5G-based services.

This conference aims to bring experts from industry, academia and research to exchange their vision as well as their achieved advances towards 5G, and encourage innovative cross-domain studies, research, early deployment and large-scale pilot showcases that address the challenges of 5G.

### Organizing Committee

#### General Chair

**Bhaskar Ramamurthi**, IIT Madras

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**Uday Desai**, IIT Hyderabad

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**Debabrata Das**, IIIT Bangalore

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**Essaid Sabir**, University of Casablanca

#### IMPORTANT DATES

Technical papers: ~~31 March 2020~~ **1 May 2020**

Workshop papers: ~~1 May 2020~~ **15 May 2020**

Special Session papers, Tutorial proposals, Vertical/Topical Area proposals, Industry Forum and Panel Session proposals: **1 June 2020**



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