The 4ᵗʰ International Conference on Communications, Signal Processing and their Applications ICCSPA'20

IEEE

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Call for Papers

The Fourth International Conference on Communications, Signal Processing, and their Applications (ICCSPA'20) https://www.iccspa2020.com will provide a forum for scientists and academics engaged in research and development to convene and present their latest scholarly work in communications and signal processing. The event will feature a number of diverse activities including keynote speeches by highly distinguished speakers, a 5G and beyond panel discussion, talks by industry professionals, tutorials by experts, and student poster sessions. Furthermore, the program will include number of social events.

IMPORTANT DATES

Regular Paper Submission , **October 30, 2020**
Notification of Acceptance, **November 30, 2020**
Author Registration, **January 07, 2021**
Camera-Ready, **January 07, 2021**

Prospective authors are invited to submit their full papers (4-6pages maximum) using EDAS (https://edas.info/N26793) online submission system. Submitted papers will be peer-reviewed. Similar to the previous events, accepted and presented papers in ICCSPA'20 will be submitted for indexing in IEEE Xplore. Topics include:

KEYNOTE SPEAKERS:

Dr. Khaled Ben Letaief (The Hong Kong University of Science and Technology, Hong Kong)
Dr. Mohamed-Slim Alouini (King Abdullah University of Science and Technology, KSA)
Dr. Soumaya Cherkaoui (Director, INTERLAB, Université de Sherbrooke, Canada)

5G and Beyond PANEL:
Dr. Hossam Hassanein (Professor & Director, School of Computing, Queen's University, Canada)

Organizing Committee

Honorary Chair	TPC Chairs
Mr. Saleem Albalooshi	
Conference Chairs	Dr. Mohamed Hassan
Dr. Mohamed El-Tarhuni	Dr. Hasan Mir
Dr. Aboelmagd Noureldin	Dr. Mohammed Elmusrati

Publications	Student Activities
Dr. Amer Zakaria	Dr. Mahmoud Ibrahim
Tutorials	Local Arrangement
Dr. Usman Tariq	Dr. Nasser Qaddoumi

Topics:

- Machine Intelligence for 5G and Beyond Networks
- 5G wireless localization
- Wireless positioning and localization
- V2X Technologies for Connected and Automated Vehicles
- Computational Intelligence and Big Data Analytics for Reliable IoT
- Edge, Fog, and Cloud Computing
- IoT Security/Cyber Security for Connected and Autonomous Vehicles
- Cognitive Radio Systems & Networks
- Network and Radio Resource Management
- Optical Communications
- Vehicular Communications
- Smart cities and IoT enabling Technologies and services

- Signal processing for satellite-based positioning
- Artificial Intelligence for Communications
- Audio/Speech Processing and Coding
- Adaptive and Statistical Signal Processing and Array Processing
- Image/Video Processing
- System Identification and Modeling
- Time-Frequency/Time-Scale Analysis
- Wavelets and Filter Banks
- Soft Computing & Pattern Recognition
- Nonlinear Signal Processing
- Signal Processing for Communications and Networking
- Compressed Sampling/Sensing
- Computer Vision and Machine Learning