

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



April 11-14, 2020, American University of Sharjah, Sharjah, UAE

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.

KEYNOTE SPEAKERS:

Dr. Khaled Ben Letaief (President of IEEE

Communications Society, 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

Mr. Saleem Albalooshi
Conference Chairs
Dr. Mohamed El-Tarhuni
Dr. Aboelmagd Noureldin

TPC Chairs

Dr. Mohamed Hassan
Dr. Hasan Mir
Dr. Mohammed Elmusrati

Publications

Dr. Amer Zakaria

Student Activities

Dr. Mahmoud Ibrahim

Tutorials

Dr. Usman Tariq

Local Arrangement

Dr. Nasser Qaddoumi

IMPORTANT DATES

Regular Paper Submission, extended to
February 1, 2020

Tutorial Proposals, **January 10, 2020**

Notification of Acceptance, **March 1, 2020**

Author Registration, **March 15, 2020**

Camera-Ready, **March 15, 2020**

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:

- 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