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18th IEEE Consumer Communications & Networking Conference (CCNC)
Las Vegas, January 9-12, 2021
(Held in conjunction with the International Consumer Electronics Show - CES)
<https://ccnc2021.ieee-ccnc.org>

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Important note: The Organizing Committee, with full support of the IEEE Communications Society, currently plans on holding the conference in Las Vegas as originally planned. Our goal is to produce a valuable event for all participants, including those who may be impacted by travel restrictions. We will do our best to accommodate presentations by those blocked from travel due to corporate policy or country-specific limitations. Substitute and remote presenters will also be considered as needed to ensure an inclusive and robust conference. We will continue to monitor official travel advisories related to COVID-19 and update the event website to keep you informed.

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IEEE Consumer Communications and Networking Conference, sponsored by IEEE Communications Society, is a major annual international conference organized with the objective of bringing together researchers, developers, and practitioners from academia and industry working in all areas of consumer communications and networking.

IEEE CCNC was organized specifically to help the consumer electronics industry drive the advancement of the numerous wireless and wireline communications technologies that will one day provide on-demand access to both entertainment and information anytime, anywhere, regardless of time or location. This includes a detailed analysis of nearly every technological area ranging from cognitive and peer-to-peer networking to the designer services and tools used to ensure ease-of-use, security and stunning interactivity.

IEEE CCNC 2021 is proud to announce two distinguished keynote speakers: Prof. Edward Knightly, Sheafor-Lindsay Professor of Electrical and Computer Engineering and Computer Science at Rice University, and Dr. Jim Lansford, Director, Technical Standards at Qualcomm. The conference will present the latest developments and technical solutions in the areas of large scale experimentation, home/consumer networking, efficient wireless spectrum use, enabling technologies, and novel applications and services. The conference will include a peer-reviewed program of technical sessions, special sessions, industry track sessions, tutorials, and demonstration sessions.

Kaushik Chowdhury, TPC Chair, Northeastern University, USA
Marco Di Felice, TPC Vice-Chair, University of Bologna, Italy

Joonhyuk Kang, General Chair, Korea Advanced Institute of Science and Technology, South Korea

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CALL FOR WORKSHOP PROPOSALS

<https://ccnc2021.ieee-ccnc.org/call-workshop-proposals>

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Workshops provide a lively and interactive forum for the discussion within areas of special interest pertinent to consumer communications and networking. Workshops aim at examining an area in a less formal, open environment for the free exchange of views, and possibly in a more focused way than in the main track of the conference itself. Workshop proposals are welcomed in all areas of consumer communications and networking.

Examples comprise (alternative and additional topics are highly welcome!):

- Wireless Systems (WiFi 6, 5G and beyond)
- Deep Learning / Artificial Intelligence in Communications & Networking
- Energy-aware Consumer Networks / Green Radio
- Consumer Networks as Enabler for IoT
- Cyber-Physical Systems based on Consumer Networking
- Ultra-High Data-Rate and Low Latency Applications (AR/VR/xR)
- Multiple-Drone- / UAV-Applications
- Networking Architectures (Cloudlet and Edge Computing)
- mmWave / THz Ultra High Frequency Communication
- High Mobility in Consumer Communication and Networking

CCNC workshops will be organized on the first and last day of the conference (January 9th & 12th).

Important Dates:

Workshop Proposals due: July 5, 2020

Acceptance Notification: July 19, 2020

Please see additional proposal submission instructions here:

<https://ccnc2021.ieee-ccnc.org/call-workshop-proposals>

Proposals should be emailed to the Workshop co-chairs below.

Workshop Co-chairs:

Thorsten Herfet, Saarland Informatics Campus, Saarland, Germany

Email: herfet@cs.uni-saarland.de

Carlos Kamienski, Federal University of ABC, Brazil

Email: carlos.kamienski@ufabc.edu.br