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ICEAA '20
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ICEAA - IEEE APWC
August 10-14, 2020, Honolulu, Hawaii, USA

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ICEAA 2020

International Conference on
Electromagnetics in Advanced Applications

IEEE APWC 2020

IEEE-APS Topical Conference on
Antennas and Propagation in
Wireless Communications

The twenty-second edition of the International Conference on Electromagnetics in Advanced Applications (ICEAA 2020) is supported by the Politecnico di Torino, and by the Torino Wireless Foundation with the principal technical cosponsorship of the IEEE Antennas and Propagation Society and the technical cosponsorship of the International Union of Radio Science (URSI). It is coupled to the tenth edition of the IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC 2020). The two conferences consist of invited and contributed papers, and share a common organization, registration fee, submission site, workshops and short courses, banquet, and social events. The proceedings of the conferences will be submitted to the IEEE Xplore Digital Library.

Information for Authors

Authors must submit a full-page abstract electronically by March 6, 2020. Authors of accepted contributions must submit the full paper, executed copyright form and registration electronically by June 1, 2020. Instructions are found on the website. Each registered author may present no more than two papers. All papers must be presented by one of the authors. Please refer to the website for details.

Deadlines:

Abstract submission

March 6, 2020

Notification of acceptance

April 10, 2020

Full paper and presenter registration

May 25, 2020



ICEAA Topics

- 1 Adaptive and reconfigurable antennas
- 2 Complex media
- 3 Electromagnetic applications to biomedicine
- 4 Electromagnetic applications to nanotechnology
- 5 Electromagnetic education
- 6 Electromagnetic measurements
- 7 Electromagnetic modeling of devices and circuits
- 8 Electromagnetic packaging
- 9 Electromagnetic properties of materials
- 10 Electromagnetic theory
- 11 EMC/EMI/EMP
- 12 Finite methods
- 13 Frequency selective surfaces
- 14 High power electromagnetics
- 15 Integral equation and hybrid methods
- 16 Intentional EMI
- 17 Inverse scattering and remote sensing
- 18 Metamaterials and metasurfaces
- 19 Optoelectronics and photonics
- 20 Phased and adaptive arrays
- 21 Plasma and plasma-wave interactions
- 22 Printed and conformal antennas
- 23 Radar cross section and asymptotic techniques
- 24 Radar imaging
- 25 Radio astronomy (including SKA)
- 26 Random and nonlinear electromagnetics
- 27 Reflector antennas
- 28 Technologies for mm and sub-mm waves



IEEE APWC Topics

- 1 Active antennas
- 2 Antennas and arrays for security systems
- 3 Channel modeling
- 4 Channel sounding techniques for MIMO systems
- 5 Cognitive radio
- 6 Communication satellite antennas
- 7 DOA estimation
- 8 EMC in communication systems
- 9 Emergency communication technologies
- 10 Indoor and urban propagation
- 11 Low-profile wideband antennas
- 12 MIMO systems
- 13 Mobile networks
- 14 Multi-band and UWB antennas and systems
- 15 OFDM and multi-carrier systems
- 16 Propagation models
- 17 Radio astronomy (including SKA)
- 18 RFID technologies
- 19 Signal processing antennas and arrays
- 20 Small mobile device antennas
- 21 Smart antennas and arrays
- 22 Space-time coding
- 23 Vehicular antennas
- 24 Wireless communications
- 25 Wireless mesh networks
- 26 Wireless power transmission and harvesting
- 27 Wireless security
- 28 Wireless sensor networks



All inquiries should be directed to:



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