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ICEAA - IEEE APWC

September 7-11, 2015 Torino, Italy

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ICEAA 2015
International Conference on Electromagnetics in Advanced Applications

IEEE APWC 2015
IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications

The seventeenth edition of the International Conference on Electromagnetics in Advanced Applications (ICEAA 2015) is supported by the Politecnico di Torino, by the Istituto Superiore Mario Boella 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 fifth edition of the IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC 2015). 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 published on IEEE Xplore.

Suggested Topics for ICEAA

- Adaptive antennas
- Complex media
- Electromagnetic applications to biomedicine
- Electromagnetic applications to nanotechnology
- Electromagnetic education
- Electromagnetic measurements
- Electromagnetic modeling of devices and circuits
- Electromagnetic packaging
- Electromagnetic properties of materials
- Electromagnetic theory
- EMC/EMI/EMP
- Finite methods
- Frequency selective surfaces
- Integral equation and hybrid methods
- Intentional EMI
- Inverse scattering and remote sensing
- Metamaterials
- Optoelectronics and photonics
- Phased and adaptive arrays
- Plasma and plasma-wave interactions
- Printed and conformal antennas
- Radar cross section and asymptotic techniques
- Radar imaging
- Radio astronomy (including SKA)
- Random and nonlinear electromagnetics
- Technologies for mm and sub-mm waves
- Reflector antennas

Suggested Topics for APWC

- Active antennas
- Antennas and arrays for security systems
- Channel modeling
- Channel sounding techniques for MIMO systems
- Cognitive radio
- Communication satellite antennas
- DOA estimation
- EMC in communication systems
- Emergency communication technologies
- Indoor and urban propagation
- Low-profile wideband antennas
- MIMO systems
- Mobile networks
- Multi-band and UWB antennas
- OFDM and multi-carrier systems
- Space-time coding
- Propagation through forested areas
- Radio astronomy (including SKA)
- RFID technologies
- Signal processing antennas and arrays
- Small mobile device antennas
- Smart antennas and arrays
- Vehicular antennas
- Wireless mesh networks
- Wireless security
- Wireless sensor networks

Information for Authors

Authors must submit a full-page abstract electronically by March 13, 2015. Authors of accepted contributions must submit the full paper, executed copyright form and registration electronically by June 5, 2015. 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.

Declarations

Abstract submission
Notification of acceptance
Full paper and presenter registration

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