



September 9-13, 2019 - Granada, Spain

# CALL FOR PAPERS

ICEAA - IEEE APWC

September 9 -13, 2019, Granada, Spain

[www.iceaa.net](http://www.iceaa.net)

## ICEAA 2019

International Conference on  
Electromagnetics in Advanced Applications

## IEEE APWC 2019

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

The twenty-first edition of the International Conference on Electromagnetics in Advanced Applications (ICEAA 2019) is supported by the Politecnico di Torino, the Universidad de Granada, the Universidad Carlos III de Madrid, 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 ninth edition of the IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC 2019). 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 8, 2019. Authors of accepted contributions must submit the full paper, executed copyright form and registration electronically by June 3, 2019. 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 8, 2019
	Notification of acceptance	April 12, 2019
	Full paper and presenter registration	June 3, 2019

### 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



UNIVERSIDAD  
DE GRANADA



### All inquiries should be directed to:

Prof. Roberto D. Graglia  
Chair of Organizing Committee  
Dipartimento di Elettronica e TLC  
Politecnico di Torino  
Corso Duca degli Abruzzi, 24  
10129 Torino, ITALY  
[roberto.graglia@polito.it](mailto:roberto.graglia@polito.it)

Prof. Piergiorgio L. E. Uslenghi  
Chair of Scientific Committee  
Department of ECE (MC 154)  
University of Illinois at Chicago  
851 South Morgan Street  
Chicago, Illinois 60607-7053, USA  
[uslenghi@uic.edu](mailto:uslenghi@uic.edu)

Prof. Rafael Gómez Martín  
Co-Chair of the Local Organizing Committee  
Departamento de Electromagnetismo  
y Física de la Materia  
Facultad de Ciencias  
Universidad de Granada  
Avenida de la Fuente Nueva  
18071 Granada, Spain  
[rgomez@ugr.es](mailto:rgomez@ugr.es)

Prof. Magdalena Salazar Palma  
Co-Chair of the Local Organizing Committee  
Department of Signal Theory  
and Communications  
Universidad Carlos III de Madrid  
Avenida de la Universidad 30  
28911 Leganés, Madrid, Spain  
[salazar@tsc.uc3m.es](mailto:salazar@tsc.uc3m.es)