THE CONFERENCE
The European Conference on Antennas and Propagation is owned by the European Association on Antennas and Propagation (EurAAP) and has been organised each year since 2006. The conference is supported by top level Associations on Antennas and Propagation and provides a forum on the major challenges faced by these communities.

Contributions from European and non-European industries, universities, research centres and other institutions are solicited. The conference provides an overview of the current state-of-the-art in Antennas, Propagation, and Measurements topics, highlighting the latest developments and innovations required for future applications.

FORMAT OF THE CONFERENCE
The conference combines the main following features:
- Plenary sessions with invited and keynote speakers
- Oral sessions (both convened and regular)
- Poster sessions
- Short Courses and Workshops
- Exhibition

APPLICATION TRACKS
Aiming at increasing the interaction between academia and industry, the conference will feature session tracks focused on applications. See the backside for the list of application tracks.

AMTA EUROPE
European representatives of the Antenna Measurement Techniques Association (AMTA) are involved in the conference. AMTA will support the organisation of the exhibition, provide special sessions, cooperate in the application tracks and sponsor the technical tour.

EXHIBITION AND SPONSORSHIP
The conference will provide numerous opportunities for exhibitors and sponsors, according to their strategic visibility and publicity targets. Coffee breaks and lunches will be served at the location or in proximity of the exhibition area, in order to increase the interaction between participants and exhibitors. Detailed information can be obtained from the Exhibition & Sponsorship Chairs or at the conference website.

AWARDS AND GRANTS
During the conference, EurAAP will provide awards to students and experienced authors of the best papers within the scientific & technical areas: Antenna theory, Antenna design, Propagation and Measurement.

Travel Grants in form of a waiver of the registration fees will be awarded to a number of authors of high quality papers from developing countries, who have a difficulty to pay the conference fee.

The detailed information and participation rules about the various awards and grants will be available at www.eucap2017.org.

PARIS AND THE VENUE
Besides its reputation around the world as one of the most cultural and historical cities in the world, Paris also embodies technological progress and is at the heart of scientific discoveries in antennas and propagation!

The “Palais des Congrès” is located downtown in Paris a few minutes away from the city’s legendary «Avenue des Champs-Élysées» and is easily accessible by public transport. Eucap 2017 will be located on a single level and will easily allow meetings and scientific exchanges between participants in a comfortable venue with a view over the city.

INSTRUCTIONS FOR AUTHORS
Authors are invited to submit their contribution in the form of a FINAL PAPER with a minimum length of two A4 pages and a maximum length of five A4 pages.

The paper must contain enough information for the Technical Programme Committee (TPC) and reviewers to judge on the originality and quality of the work in a single step acceptance/rejection review process. Notice that TPC and reviewers will especially care about plagiarism and self-plagiarism.

During the uploading process, authors will be requested to categorize their paper in terms of conference topic and application track. Accepted papers will be submitted to IEEE Xplore, unless otherwise stated by the corresponding author.

At least one of the authors of each paper must have a full registration for attending the conference and it is not possible for any person to register more than two papers in his/her name as "presenting author."
SCIENTIFIC TOPICS

ANTENNAS AND RELATED TOPICS
A01 Antenna theoretical methods/Antenna theory
A02 Electromagnetic theoretical aspects
A03 Hybrid methods in electromagnetic problems
A04 High frequency and asymptotic methods
A05 Computational and numerical techniques
A06 Optimisation methods in EM
A07 Antenna interactions
A08 Antenna systems and architectures
A09 Metamaterials and metasurfaces
A10 Transformation electromagnetics
A11 EBG for antennas
A12 Active and integrated antennas
A13 Micro-structure and nano-antennas
A14 Millimeter-wave antennas
A15 Submillimeter-wave and Terahertz antennas
A16 Conformal antennas
A17 Multiband Antennas
A18 Wideband antennas
A19 Reflector, feed systems, and components
A20 Lens & radomes
A21 Waveguide and leaky-wave antennas
A22 Small antennas
A23 Antenna sensors
A24 Wearable antennas
A25 Wire antennas
A26 Planar Antennas
A27 Array antennas
A28 Reflectarrays and transmitarrays
A29 Frequency and polarisation selective surfaces
A30 Adaptive and reconfigurable antennas
A31 UWB antennas and time-domain techniques
A32 Smart Antennas & Signal Processing
A33 Compact Multiple Antenna Systems
A34 Massive MIMO
A35 3D-printed antenna technologies
A36 Imaging, sensing, and radar antennas
A37 Antennas for wireless power transmission and harvesting
A38 Other antenna topics

PROPOSITION AND RELATED TOPICS
P01 Propagation Theory
P02 Ray tracing and numerical simulation techniques
P03 Propagation modelling and simulation
P04 Imaging and inverse scattering
P05 Scattering, diffraction, and RCS
P06 Measurement techniques
P07 Millimeter-wave propagation for wireless networks
P08 UWB propagation
P09 HF Propagation
P10 Body-Area propagation
P11 Indoor Propagation
P12 Urban Propagation
P13 Satellite propagation
P14 Trans-ionospheric and tropospheric propagation
P15 Propagation for vehicular communications
P16 Propagation in biological tissues
P17 Propagation in Vegetated Areas
P18 Radar, localisation, and sensing
P19 MIMO Channel modelling
P20 Channel Sounding and Parameter Estimation techniques
P21 Other propagation topics

ORGANIZING COMMITTEE
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EurAAP Chair
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Raphaël Gillard
Buon Kiong Lau
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Simon Cotton
Anne-Claire Lepage
Fernando Perez Fontan
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Invited Speakers Chairs
Hiroyuki Arii
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Anne-Claire Lepage
Fernando Perez Fontan
Awards & Grants Chairs
Francesco Andriulli
Dirk Manteuffel

ANTENNA AND RCS MEASUREMENT TECHNIQUES
M01 General antenna measurements
M02 Techniques and tools for RF material characterisation
M03 Test range modeling and validation
M04 Radar scattering measurement and calibration techniques
M05 Near-field, far-field, compact, and RCS test ranges
M06 Data acquisition, imaging algorithms, and processing methods
M07 EM/EMC/PIM chambers, instrumentation, and measurements
M08 Over-The-Air (OTA) multipath testing
M09 Dosimetry, exposure, and SAR assessment
M10 Satellite and aerospace antenna characterisation
M11 Millimeter-wave antenna measurements
M12 Advanced post-processing and diagnostics
M13 Advances in MIMO and OTA testing
M14 Other measurement topics

APPLICATION TRACKS
T01 Cellular Networks & 5G
T02 Ultra-High Data Rate Communications
T03 Wireless LANs
T04 Connected objects (IoT, RFID, WSN)
T05 Biomedical applications & Biological effects
T06 Radar Systems
T07 Defence & Security
T08 Positioning, Localization & Tracking
T09 Space Applications
T10 Software Tools & Instruments
T11 Future applications based on novel concepts

CONTACTS
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KEY DATES 2016
Convened sessions
27 May: Submission of proposals
24 June: Notification of acceptance
Short Courses and Workshops
16 Sept.: Submission of proposals
21 Oct.: Notification of acceptance
Full papers
23 Sept.: Submission
5 Dec.: Notification of acceptance