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IMPORTANT DEADLINES:

ABSTRACT SUBMISSION

25 October 2010

NOTIFICATION OF ACCEPTANCE

16 December 2010

SUBMISSION OF FINAL PAPERS

31 January 2011

www.eucap2011.org

Conference Service Provider:

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Final Call for Papers

5th European Conference on Antennas
and Propagation

in cooperation with AMTA Europe

EuCAP 2011 – Rome, Italy
11-15 April 2011
Palazzo dei Congressi





THE CONFERENCE

In 2011 EUCAP, the European Conference on Antennas and Propagation, has its 5th anniversary, and continues the series of successful conferences in Nice (2006), Edinburgh (2007), Berlin (2009), Barcelona (2010).

The European Association on Antennas and Propagation (EurAAP) is pleased to announce EuCAP2011, to be held in Rome, Italy, on 10 -15 April 2011.

EuCAP2011, supported by the top level Associations in Antennas & Propagation, provides, through its presentations and exhibition, an ideal and unique place in Europe for the exchange of scientific and technical information, both at academic and industrial levels, on the latest results and developments in antenna theory and technology. Simultaneously, it fosters collaboration and cooperation in the Antenna and Propagation domain at European and global levels.

AMTA EUROPE

European representatives of AMTA are involved in the organization of the EuCAP2011. Co-organisation of the exhibition and special AMTA sessions will be provided.

THE VENUE

The Palazzo dei Congressi is one of the most important examples of the rationalist architecture, located in the EUR area, near and conveniently connected to the centre of Rome, and to airport and railway stations.

FORMAT OF THE CONFERENCE

The conference combines the following formats:

- Plenary sessions with invited keynote papers
- Oral sessions, both convened and contributed
- Posters
- Workshops, short courses
- Exhibition

The number of convened sessions will be balanced to keep the conference open for interesting submissions. Posters will be presented in a large central area, near the exhibition, to attract the attention of participants and to foster fruitful technical discussions.

CONFERENCE TOPICS:

ANTENNAS AND RELATED TOPICS

- A1 Active and integrated antennas
- A2 Antenna interactions and coupling
- A3 Antennas for remote sensing and radio astronomy
- A4 Array antennas incl. reflect arrays
- A5 Automotive antennas
- A6 Beamforming, data processing and multiple beam antennas
- A7 Electromagnetic theory and numerical techniques
- A8 Electromagnetic exposure and interactions
- A9 Medical applications
- A10 Millimetre / Sub-millimetre wave and THz technologies
- A11 MIMO, multi-antenna systems, smart and signal processing antennas
- A12 Mobile communication
- A13 Multiband, wideband, UWB antennas
- A14 New materials, meta-materials, EBG structures
- A15 Planar and conformal antennas
- A16 Printed elements, baluns and associated circuits
- A17 RCS Reduction, Prediction, Imaging and related theory
- A18 Reconfigurable antennas
- A19 Reflector and lens antennas
- A20 Small antennas, RFID tags and sensors
- A21 Space application antennas (communication & navigation)
- A22 On-body antennas
- A23 Terahertz antennas
- A24 Other antenna topics

PROPAGATION AND RELATED TOPICS

- P1 Mobile Propagation channel measurements and modelling
- P2 Polarisation in propagation and remote sensing
- P3 Propagation and scattering in vegetation
- P4 Propagation aspects in wireless sensor networks
- P5 Propagation for fixed satellite services
- P6 Propagation for maritime and aeronautical applications
- P7 Propagation for mobile satellite services and navigation
- P8 Propagation models for automatic network planning
- P9 Propagation models for millimetre and sub millimetre waves
- P10 Radio climatology
- P11 Rough surface and random media scattering
- P12 Short-wave propagation
- P13 Stochastic and deterministic channel modelling
- P14 Trans-ionospheric propagation
- P15 UWB channel modelling
- P16 Vehicle-to-X channel modelling
- P17 Other propagation topics

ANTENNA AND RCS MEASUREMENT TECHNIQUES

- M1 Measurements of antennas and radar scattering
- M2 Advances in indoor and outdoor test ranges
- M3 Measurement standards and laboratory comparisons
- M4 Advances in near-field, far-field, compact and RCS ranges
- M5 Data acquisition, algorithms and processing methods
- M6 Measurement imaging, algorithms and processing techniques
- M7 Diagnostics methods for antenna acceptance testing
- M8 Phased-array antenna testing
- M9 Adaptive antenna/smart antenna measurements
- M10 EMI/EMC/PIM chamber design, measurements and instrumentation
- M11 Cellular and automotive application measurements
- M12 RF material design, measurements and instrumentation
- M13 Satellite antenna measurements
- M14 Ultra-wideband or frequency independent antenna measurements
- M15 MM-wave/quasi-optical antenna measurements
- M16 Other measurement topics

