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IMPORTANT DEADLINES:

ABSTRACT SUBMISSION

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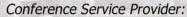
NOTIFICATION OF ACCEPTANCE

16 December 2010

SUBMISSION OF FINAL PAPERS

31 January 2011

www.eucap2011.org



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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 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























