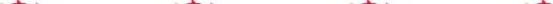


The logo for EurAAP features the acronym "EurAAP" in a bold, blue, sans-serif font. Each letter is surrounded by a cluster of small, colorful stars in shades of red, yellow, and green. The letters are arranged horizontally, separated by thin white spaces.

The logo for EurAAP features the acronym "EurAAP" in a bold, blue, sans-serif font. Each letter is surrounded by a cluster of small, yellow stars of varying sizes, creating a festive and international appearance.



5th European Conference on Antennas and Propagation 11-15 April 2011, Rome

EuCAP 2011 AWARDS

List of Finalists



BEST PROPAGATION PAPER

Prize:

Estimation of 2X2 MIMO Capacity with Dual- Polarized Antennas Under Received Power Imbalance Through Propagation Measurements

**Shinobu Nanba; Yuki Hirota; Yoji Kishi (KDDI R&D Laboratories,
Japan)**

Honorable mention:

Empirical Time-Spatial Propagation Formula for Outdoor LOS Environments

Teruya Fujii (Softbank Mobile, Japan); Yoshichika
Ohta; Hideki Omote (Softbank Telecom Corp., Japan)



BEST ANTENNA MEASUREMENT PAPER

Prize:

Microwave Non-Destructive Evaluation of Corrosion in Reinforced Concrete Structures

Gemma Roqueta; Luis Jofre (Universitat Politècnica de Catalunya, Spain); Maria Feng (University of California, Irvine, USA)

Honorable mention:

An Efficient Approach to the Near-Field Sampling of Electromagnetic Fields

**Amedeo Capozzoli; Claudio Curcio; Angelo Lisenò
(Università di Napoli Federico II, Italy)**

Honorable mention:

UWB Wireless Interconnect Scheme for Communicating Devices Within Small Conducting Enclosure

**Javier Gelabert; David Edwards; Christopher Stevens
(University of Oxford, United Kingdom)**



BEST ANTENNA THEORY PAPER

Prize: **Planar Antennas Based on Surface-to-Leaky Wave transformation**
G. Minatti, M. Casaletti, F. Caminita (University of Siena, Italy),
P. De Vita (IDS, Italy), S. Maci (University of Siena, Italy)

Honorable mention:

On the Optimal Synthesis of Phase-Only Reconfigurable Antenna Arrays
Tommaso Isernia, A.F. Morabito (University of Reggio Calabria, Italy); Andrea Massa, P. Rocca (University of Trento, Italy)

Honorable mention:

Investigation of Stability of Negative Impedances for Use in Active Metamaterials and Antennas
Eduardo Ugarte-Muñoz, Daniel Segovia-Vargas (Universitiy Carlos III in Madrid, Spain); Silvio Hrabar (University of Zagreb, Croatia)



BEST ANTENNA APPLICATION PAPER

Prize:

**A Compact Dual-Polarized Wideband Patch Antenna Array
for the Unlicensed 60 GHz Band**

Frank Wollenschläger, Ralf Stephan, Lei Xia, Jens Müller, Robert Müller, Alexis Paolo Garcia Ariza, Reiner S. Thomä, Matthias A. Hein (TU Ilmenau, Germany) et al.

Honorable
mention:

Flexible Dipole and Monopole Antennas

Qing Liu; Kenneth Lee Ford; Richard Langley
(University of Sheffield, United Kingdom), Adam Robinson, and
Stephanie Lacour (University of Cambridge, United Kingdom)

Honorable
mention:

**Engineered Birefringence Positive-Negative Effective Indices:
Interferometric Techniques and Wedge Experiment**

Miguel Navarro-Cia; Miguel Beruete; Francisco Falcone; Mario Sorolla (Universidad Publica de Navarra, Spain)



BEST STUDENT PAPER

Prize:

Single Layer Anisotropic Impedance Surface for Linear to Circular Polarization Conversion in Reflect Mode

Efstratios Doumanis, George Goussetis, (Queen's University
Belfast, United Kingdom); Jose-Luis Gómez-Tornero (University
of Cartagena, Spain), et al.

Honorable mention:

Modeling and Efficiency Investigation of Arrays of Reflector Antennas for Deep Space Communication

**Marta Cametti; Marco Pasian; Maurizio Bozzi;
Luca Perregini (University of Pavia, Italy)**

Honorable mention:

Matching Evanescent Open-Ended Waveguide Antennas Using the Imaginary Smith Chart

Peter Ludlow; Vincent Fusco (Queen's University Belfast, United Kingdom)