



EMC EUROPE 2012

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International Symposium on Electromagnetic Compatibility

September 17-21, 2012, Rome, Italy

FIRST CALL FOR PAPERS

The Symposium

EMC Europe, the leading EMC Symposium in Europe, will be held at the "Sapienza" University of Rome, Italy, in September 17-21, 2012. We wish to invite and encourage all those working in electromagnetic compatibility to participate in this prestigious event.

EMC research and conferences in Europe have a long tradition. From the series of independent EMC Symposia based in Wroclaw, Zurich and Rome running every second year, has now emerged EMC Europe which will be organised every year in a European city to provide an international forum for the exchange of technical information on EMC.

Technical Scope

Authors are invited to submit original contributions on all EMC-related aspects in the technical areas listed in the following. Only full papers 4-6 pages in length, in IEEE format, will be considered by the deadlines (see important dates). In addition, Workshop, Tutorial, Short-Courses and other Special Sessions will be organised to provide up-to-date practical help to those new to the subject or requiring an update, as well as to address in more depth topical subjects. Normal preliminary paper submission should be done electronically through the EMC Europe 2012 website (www.emceurope2012.it). There will be a technical exhibition held in parallel with the conference. Sponsorship opportunities will also be available.

Conference registration will be done at the Symposium website where further details will become available in due course. All queries to: info@emceurope2012.it. The Organisers aim at making this a technically rewarding conference and your stay in Rome a very pleasant one.

Marcello D'Amore, *Chairman*
Mauro Feliziani, *Vice-Chairman*

The Venue, where it all began

The EMC Europe 2012 Symposium will be held at the Faculty of Engineering of "Sapienza" University of Rome which is located in the centre of Rome, very close to the Coliseum. The middle of September is a very popular season in Rome, and early hotel reservations are recommended. Hotel reservation forms will appear in the web pages.

The Symposium will consist of 5-day oral and poster presentations, workshops, tutorials, special sessions, short-courses, industrial forum, and exhibits. The Preliminary Program, registration form, information on accommodation and social activities will be available on the website (www.emceurope2012.it).



Technical Areas

- Electromagnetic Environment, Lightning, Intentional EMI & EMP, High Power Electromagnetics, ESD, UWB
- Transmission Lines, Cables, Crosstalk, Coupling
- Shielding, Gasketing & Filtering, Grounding
- Measurement & Instrumentation, Emission and Immunity, Chambers & Cells, Antennas
- Advanced Materials, Nanotechnology, NEMS & MEMS, Smart Sensors
- Computational Electromagnetics, Model Validation
- Semiconductors, PCB, Electronic Packaging & Integration, Power & Signal Integrity
- Power Systems, Power Quality, Power Electronics
- Wired & Wireless Communications, UWB Communications, Power Line Communications
- Automotive, Railway Systems, Naval Systems, Aircraft & Space Systems
- Human exposure to EM fields, Biological Effects, Medical Devices & Hospital Equipment
- Standards and Regulations, EMC Management, EMC Education
- Any other relevant topics

Important Dates

Paper Submission: **15 February 2012**
Proposals for Workshops, Tutorials, Special Sessions, Short-Courses: **15 March 2012**
Notification of Acceptance: **15 April 2012**
Final Paper Submission: **15 May 2012**

Exhibits

During the Conference, an exhibition of software, hardware, equipment, materials, services and literature is planned. This will be an excellent opportunity for companies to present their latest developments to a world-wide public of researchers and engineers. Companies, institutions, research centres and universities are welcomed within the limits of the available boots.

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