



EMC EUROPE 2012

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International Symposium on Electromagnetic Compatibility

September 17-21, 2012, Rome, Italy

CALL FOR PAPERS

EMC Week in Rome

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 emerged EMC Europe which is organised every year in a European city to provide an international forum for the exchange of technical information on EMC. The 2012 EMC Europe Symposium will be held at the Engineering Faculty of Sapienza University of Rome, in September 17-21, 2012. We wish to invite and encourage all those working in electromagnetic compatibility to participate in this prestigious event. The Symposium will cover the entire scope of electromagnetic compatibility including emerging technologies. Prospective authors are invited to submit original papers on their latest research results. Selected papers after revision will be presented in oral and poster sessions. In addition, Workshops, Tutorials, Short-Courses and other Special Sessions will be organised. 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. The preliminary program, registration form, information on accommodation and social activities will be available on the website (www.emceurope2012.it). 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 16th century cloister, Faculty of Engineering, Sapienza University.

The Venue, where it all began

The Engineering Faculty of Sapienza University of Rome, where the first edition of the EMC Roma Symposium was held in 1994, 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.

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

Technical Areas

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

Submission of Papers

Authors are invited to submit original papers in the areas listed above focussed on EMC aspects. Prospective authors should submit their full paper (4/6-page, 2-column) by February 15, 2012, that clearly explains the contribution, originality and relevance to the EMC area. The summary should be electronically uploaded to the web site of the Symposium within the authors' complete address for correspondence. The guidelines to upload the papers will appear on the web site of the Symposium. All submitted papers for regular (oral and poster) and special sessions will be evaluated by a peer review process. Authors whose summaries are accepted for presentation will be requested to provide a 4/6-page, 2-column paper in a IEEE format by May 15, 2012, within a registration for each submitted paper. In order to stimulate more discussions, poster presentation and forums will be organized.

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 welcome within the limits of the available boots. Interested vendors/ exhibitors are welcome to make your booking. The information for exhibitors will appear on the web site.

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