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CALL FOR PAPERS

The achievements in terms of operating frequency and integration of semiconductor technology are constantly creating new challenges in EMC, which must necessarily be addressed at the integrated circuit level. Keeping up-to-date is of paramount importance to be successful in this field. Following EMC Compo 04 in Angers, EMC Compo 05 in Munich and EMC Compo 07 in Torino, the International Workshop **EMC Compo 2009** is intended to be a place for exchange of the latest research achievements and experiences in IC-level EMC and it is addressed to researchers both from industry and from academia.

The workshop is focused on **emission** and **susceptibility issues** of digital, analogue and mixed-signal integrated circuits. The most recent advances in measurement techniques, models, standards, tools and design methodologies will be discussed. A Technical Exhibition will provide equipment manufacturers and suppliers an opportunity to display their products, services and to discuss them with potential clients.

New: A **PhD seminar** will be organized on Tuesday November 17th, 2009. PhD students conducting research in EMC of ICs are invited to present their work at this event.

New: **Tutorials** by **distinguished experts** in the field of EMC of ICs will be organized on Tuesday November 17th, 2009.

Main Topics

- Measurement of IC susceptibility
- Measurement of IC emission
- IC emission modelling
- IC susceptibility modelling
- IC EMC design and guidelines
- System-on-Chip EMC
- IC EMC standards and regulations
- IC level EMC Education and e-learning
- IC Models Exploitation for System Level EMC
- EMC issues in smart power ICs
- Tools to handle EMC at IC level
- EMC Issues in next generation ICs
- EMC issues in System-in-Package (SiP)
- Signal integrity and Power Integrity
- IC EMC in wireless communications
- Harsh Environment effect on IC EMC
- Materials for improve EMC of ICs
- EMC of ICs for biomedical applications

Paper Submission

Complete papers should be written in English and submitted in PDF or MS Word A4 format (max. 6 pages including title, 100-word abstract, illustrations and references). The contributions should be submitted electronically through the website: www.emccompo.org, where further information on paper preparation is available.

Deadline for paper submission: May 30th 2009

Notification of acceptance: June 30th, 2009

Final Paper due date: September 30th, 2009

Workshop Venue

Toulouse is the fourth largest town in France, with more than 700 000 inhabitants including 120 000 students, making it the second largest university centre in France. Toulouse is the European capital of aeronautics and space industries. With its geographical situation, close to the sea and the Pyrenees, its climate, its gastronomy, its cultural environment and tradition in sports, Toulouse offers its inhabitants an exceptional quality of life. Toulouse can be easily reached by plane, by car and by train.

Contacts and Information

More details about the location and the organization can be found in the workshop website: www.emccompo.org. For further information do not hesitate to contact the organizing committee martine.blaimont@ampere-asso.net +335 34 63 84 10, fax +335 61 40 01 08.

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