



2009 IEEE International Symposium on Electromagnetic Compatibility

August 17 – 21, Convention Center
Austin, Texas USA



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Information for Authors

Join your colleagues in Austin where you can share your insight, ask questions, learn from the experts/innovators and see new products at the 2009 IEEE International Symposium on Electromagnetic Compatibility. Your published paper will be seen by thousands in the EMC community and across the wide array of disciplines that look to the IEEE EMC Society for technical guidance.

Paper Topics of Interest

The IEEE EMC Society seeks original, unpublished papers covering all aspects of EMC, including technology areas such as: Regulations, Broadcast, Military, Wireless, Power Transmission, and Networking. Topics include and are not limited to the following technical areas:

TC-1 EMC Management

- EMC Personnel Accreditation
- Laboratory Accreditation
- EMC Education
- EMC Legal Issues

TC-2 EMC Measurements

- Test Instrumentation
- Measurement Techniques
- Emissions and Immunity
- Standards and Regulations
- Test Facilities

TC-3 EM Environment

- EM Signal Environment
- Atmospheric Noise
- Man-Made Noise

TC-4 EM Interference

- Shielding, Gasketing & Filtering
- Cables and Connectors
- Coupling

- System EMC Analysis
- Grounding
- PCB Issues

TC-5 High Power Electromagnetics

- ESD
- EMP & Lightning
- Transients
- Power Transmission

TC-6 Spectrum Management

- Spectrum Management
- Spectrum Monitoring

TC-7 Nonsinusoidal Fields

- Ultrawideband EMC
- Impulse Radar
- Time Domain Modeling

TC-8 Electromagnetic Product Safety

- EMC & Functional Safety
- Biological Effects

- Radiation Hazards
- Environmental Safety

TC-9 Computational Electromagnetics

- Computer Modeling
- Model Validation
- Statistical Analysis

TC-10 Signal Integrity

- Packaging
- Model Parameter Determination
- Device Modeling
- Crosstalk

TC-11 Nanotechnology

- Nanomaterials
- Nanostructures
- Carbon Nanotubes
- Nanofibers
- Smart Materials

Author Submission Schedule

- **Preliminary Full Paper Manuscript:** November 1, 2008 - January 8, 2009 (late papers will not be accepted)
- **Acceptance Notification:** March 7, 2009
- **Final Paper and Workshop/Tutorial Material Due:** May 1, 2009

Paper Formats

- **Traditional Oral presentation:** Presentation for those interested in presenting to large groups with limited potential for interactions with attendees. Six-page paper maximum, 20 minute presentation.
- **Open Forum:** Presentation for those interested in direct interaction with individuals or small groups.



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Student Paper Contest

Graduate and undergraduate authors are eligible for the Best Student Paper contest. The student must be the primary author and should submit an entry form for the contest when submitting the preliminary manuscript. Entry forms are available at www.emcs.org. The professor should attach a note to the entry form to certify that the paper is primarily the work of his/her student(s). A Student Design Contest is also being held. Obtain the design kit, rules, and award details from the website: www.emcs.org.

Guidelines for Authors & Submittal Procedures (updated)

Prospective authors must submit electronically**.

- **A Preliminary Manuscript (5500 words approximately) with up to 6 pages filled with diagrams, figures or charts (hand drawn illustrations accepted).**
- **Presentation format (traditional oral or open forum).**

See www.emc2009.org web site for instructions on paper submission. Only PDF files will be accepted. Sorry, POSTAL or FAX submission will NOT be accepted.

** Preliminary Manuscripts and Final papers are to be submitted through a website after 1 November 2008. Check back with the symposium web site (www.emc2009.org) for updates on the paper submission process.

During the electronic submission process a unique author code is created for tracking purposes. Submissions are reviewed anonymously by the EMC Society Technical Committees so please do not include author names or affiliations on the Preliminary Manuscript. Failure to do so may result in rejection.

Paper Acceptance Procedures & Criteria

Paper acceptance will be based on the following criteria:

- **Importance of Topic:** Does it have direct significance to the EMC community?
- **Technical Sophistication and Depth:** Does it present information that is a significant contribution, advancement, application or refinement of the state of the art? Does it expose the reader to a higher knowledge level than currently available from other sources? Is it clear that the work has been substantially completed or is the submission an interim report of progress on a long term project?
- **Readability, Clarity and Presentation:** Is the value of the submission clearly defined? Is the material written in clear and concise English, with topics presented in an organized and logical manner?
- **Novelty and Originality:** Does it propose a new and unique concept or expand on an existing premise from a unique point of view? Does it present new information on an EMC issue that is still in developmental stage?
- **Camera-Ready Paper:** Authors of accepted Preliminary Manuscripts will receive instructions for preparing the final, camera ready paper for the symposium record (not to exceed 6 pages including the title, author(s), abstract, results and figures/diagrams).
- **Paper Presenter:** All papers must be presented at the Symposium by the authors or their designated presenters. Authors must be pre-registered for the 2009 EMC Symposium prior to submitting their final paper.

For Additional information

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