



**2008 IEEE International
Symposium on
Electromagnetic Compatibility**
August 18 – 22, Cobo Center
Detroit Michigan, USA



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Symposium
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www.emc2008.org

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CALL FOR PAPERS

Information for Authors

Join your colleagues in Detroit where you can share your insight, ask questions, and see new products at the **2008 IEEE International Symposium on Electromagnetic Compatibility**. Your published paper will be seen by thousands in the EMC community and across the wide array of discipline 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The IEEE EMC Society seeks original, unpublished papers covering all aspects of EMC, for affected technologies such as: Automotive, Broadcast, Military, Wireless, Power Transmission, and Networking.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 Electronics

- 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

Author Submission Schedule

- **Preliminary Full Paper Manuscript**
November 1, 2007 - January 15, 2008
(late papers will not be accepted)
- **Acceptance Notification**
March 14, 2008
- **Final Paper and Workshop/Tutorial Material Due:**
May 1, 2008

Paper Formats

- **Traditional Oral presentation**
*Six-page paper maximum, 20 minute presentation.**
**A page in the Proceedings allows for approx. 1200 words, including formulas, figures, and tables.*
- **Open Forum**
Presentation for those interested in direct interaction with individuals or small groups.



IEEE

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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 students(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 diagrams, figures or charts (hand drawn illustrations accepted), including a 50-100 word abstract.**
- **Desired presentation format (20 minute oral or open forum).**

See file formats listed on the IEEE conference publishing site for electronic file and image file details. PDF and Post Script files will not 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 2007. Check back with the symposium web site (www.emc2008.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

Submissions are reviewed by the EMC Society Technical Committees. 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, text 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 2008 EMC Symposium prior to submitting their final paper.

For further information, contact:

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