



**2010 IEEE International Symposium
on Electromagnetic Compatibility**
July 25-31, 2010, Convention Center, Fort Lauderdale, FL
www.emc2010.org



Navigating EMC

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CALL FOR PAPERS

Information for Authors

Join your colleagues and share your insights in Fort Lauderdale, Florida for the **2010 IEEE International Symposium on Electromagnetic Compatibility**. Your paper will be shared with thousands in the EMC Community and across a wide array of disciplines that look to the EMC Society for technical information.

Topics of Interest

EMC Management

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

EMC Measurements

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

Computational Electromagnetics

- Numerical Modeling
- Circuit Modeling
- Time Domain Simulation
- Transmission Line Modeling
- Finite Analysis
- Method of Moments Analysis.

EM Product Safety

- EMC & Functional Safety
- Biological Effects
- Radiation Hazards
- Environmental Safety

Signal Integrity

- Packaging
- Model Parameters
- Crosstalk
- Device Characteristics and Behavior
- Transmission Line Effects and Prediction

Nanotechnology

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

Nonsinusoidal Fields

- Ultrawideband EMC
- Impulse Radar
- Time Domain Modeling

High Power Electronics

- ESD
- EMP & Lightning
- Transients
- Power Transmission

Spectrum Management

- Spectrum Management
- Spectrum Monitoring

EM Environment

- EM Signal Environment
- Man-Made Noise

EM Interference

- Shielding, Gasketing & Filtering
- Cables and Connectors
- Coupling
- System EMC Analysis
- Grounding and Bonding
- PCB Issues

Author Submission Schedule

Preliminary Full Paper Manuscript
November 1, 2009 - January 10, 2010
(Late papers will not be accepted)

Acceptance Notification: March 12, 2010

Final Material Due: April 30, 2010

Paper Formats

- Traditional Oral Presentation
- Six-page paper maximum, 20 minute presentation. A page in the Proceedings allows for approx. 1200 words, including formulae, figures and tables.
- Poster Paper Presentation
- A visual presentation on a 4 feet wide by 3 feet high board with graphics, illustrations and text.