



2019 IEEE INTERNATIONAL SYMPOSIUM ON ELECTROMAGNETIC COMPATIBILITY, SIGNAL & POWER INTEGRITY

CALL FOR EXPERIMENTS & DEMONSTRATIONS PROPOSALS

EMC and SI/Power Integrity hardware experiments and demonstrations continue to be a very popular symposium event, and the **2019 IEEE International Symposium on Electromagnetic Compatibility, Signal and Power Integrity** will be no exception. The event's purpose is to demonstrate important, fundamental EMC and SIPI topics and contemporary areas of interest through practical experiments and demonstrations that may be based on hardware configurations, software programming, or a combination of both.

Experiments new to the symposium venue are encouraged each year and oft-times popular demonstrations from previous years are reprised. Original presentations are highly desirable. Hands-on participation for attendees during experiments and demonstrations is also encouraged.

Presentations may be based upon those documented in the EdCom's EMC Experiments Manual, originally compiled by Clayton Paul and Henry Ott. Past experiments have demonstrated the effects of PC board radiation coupling; component-cable crosstalk; grounding and shielding strategies; spectral analysis techniques using test hardware; effective EMC and Signal and Power Integrity test methods and practices; use of EMC instrumentation to measure interference at the device or component level, and the role of EMC standards as part of overall measurement practices.

Proposals should include a description of the demonstration to be performed with sufficient detail to convey a technical understanding to the chairs of the EMC or SIPI topic to be demonstrated. Test equipment and audio-visual support are available to all presenters. Please include a listing of necessary/desired support test and A/V equipment in proposal submittals.

SCHEDULE FOR PROPOSALS FOR EXPERIMENTS AND DEMONSTRATIONS:

- Proposals are accepted between 1 October 2018 and 15 March 2019.
- Final notice of acceptance 23 March 2019.

For further details or information, please contact Experiments and Demonstrations Co-Chairs:

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