

APEC 2012

Professional Education Seminars are comprehensive tutorials of important and complex power electronics topics

CALL FOR PROFESSIONAL EDUCATION SEMINAR PROPOSALS

Feb. 5th – Feb. 9th, 2012

Disney's Coronado Springs Resort

Orlando, FL

The Professional Education Seminars

Continuing the tradition of focusing on the practical aspects of the power electronics profession, the Professional Education Seminars at APEC 2012 address the need for in-depth discussion of important and complex power electronics topics. Each seminar combines practical application with theory designed to enhance the education for the professional working in the power electronics or related fields. The professional Education Seminars at APEC are three-and-one-half hours (including breaks) in length, can range from broad to narrow in scope, and can vary from introductory to advanced in technical level and they complement the technical papers, the special presentations, and the comprehensive exposition.

Topics

Preferred topics are to address the practical issues of the specification, design, manufacture and marketing of power electronic components, products, and systems. Proposals focusing on any of the following areas of power electronics are welcome.

POWER SYSTEMS

AC-DC Power Supplies
DC-DC Converters
Inverters
Aerospace & Defense Systems
Automotive & Traction Applications
Lighting Systems
Power System Architectures
Renewable/Alternative Energy
Telecom Power Systems
Uninterruptible Power Supplies

COMPONENTS

Capacitor Technologies
ICs for Power Electronics
Magnetics
Power Semiconductors

DESIGN

Control of Converters & Systems
Digital Control and Management
EMI and EMC Issues
Energy Harvesting
High-Efficiency Designs
High-Frequency Designs
Machine Control
Modeling and Analysis
Power Conversion Fundamentals
Power Factor Correction
Protection of Converters & Systems
Safety and EMI/EMC Compliance
Simulation Tools & Techniques
Soft-Switching Techniques
Thermal Management

MANUFACTURING

Design for Manufacturability
High Density Packaging
Manufacturing Processes
Standardizing Specifications
Technology Transfer

BUSINESS

Benchmarking Results
Identifying New & Emerging Markets
JIT & Material Management
Market Analysis & Strategies
Procurement & Qualification
Product & Technology Roadmaps
Quality/Reliability and Data
The Voice Of The Customer

Important Dates

- **Deadline** for proposal submission is **August 31, 2011**.
- **Notification** that a proposal was accepted or declined will be emailed no later than **October 9, 2011**.
- **Final submission** (presentation materials in final camera-ready form) will be open for acceptance on **October 9, 2011** and will be accepted no later than **December 4, 2011**.
- At APEC 2012, the seminars will be given during the morning and afternoon of Sunday, **February 5, 2012** and the morning of Monday, **February 6, 2012**.

Preparation of proposals

The seminar proposal should include the following:

- Contact information for presenting speaker(s): name, affiliation, mailing address, telephone number, and email address. The corresponding presenter must be clearly identified, and an email address must be provided in the proposal.
- An abstract of no more than 200 words describing what is to be presented, including whether the topic will be treated in-depth or as a survey, and the level of the intended audience (entry level, intermediate, or advanced). This abstract should be in a form suitable for publication in the APEC advance program.
- A detailed topical outline of three to five double-spaced pages including the estimated time for each major topic. Note that the topics must be suitably in-depth and comprehensive to adequately cover three plus hours of presentation time.
- A one page biography or resume of each speaker.

Upload your proposal PDF file online at <http://apec2012-special.e-papers.org> no later than **Wednesday, August 31, 2011** (registration required).

Procedure and important notices

- Members of the APEC Conference and Program Committees will review the seminar proposals. Seminars are selected based on high quality and an effort to provide a balanced seminar program consistent with the overall APEC charter. This means that some very good seminar proposals may be declined.
- Compensation for seminar speakers includes an honorarium of US\$1800.00 and a complimentary seminar and conference registration. In the case of multiple speakers for one seminar, the honorarium and complimentary registrations must be shared among the speakers. Seminar speakers are responsible for their own expenses of preparing and presenting the seminar, including all travel, lodging, and meals.
- Speakers are required to be present at APEC 2012 to deliver their presentation in person.
- This year, seminar presentations will be distributed as PDF files as well as printed handouts. Submission of your seminar proposal serves as your implicit agreement and consent to electronic distribution of your seminar presentation.
- Final presentations in Microsoft PowerPoint format are due at the APEC office no later than **December 04, 2011**.

For further information please contact:

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