

APEC 2007

22nd Annual IEEE Applied Power Electronics Conference and Exposition
February 25-March 1, 2007 at the Disneyland Hotel in Anaheim, California

Announcement and Call for Papers

APEC 2007 continues the long-standing tradition of addressing issues of immediate and long-term interest to the practicing power electronics engineer. Outstanding technical content is provided at one of the lowest registration costs of any IEEE conference. APEC 2007 will provide a) the best power electronics exposition, b) professional development courses taught by world-class experts, c) presentations of peer-reviewed technical papers covering a wide range of topics, and d) time to network and enjoy the company of fellow power electronics professionals in a beautiful setting. Activities for guests, spouses, and families are abundant in the Anaheim area.

Papers of value to the practicing engineer are solicited in the following topic areas:

AC-DC and DC-DC Converters

Single- and Multi-Phase AC-DC Power Supplies, DC-DC Converters (Hard- and Soft-Switched)

Devices and Components

Semiconductor Devices, Magnetic Components, Capacitors, Batteries, Sensors, Interconnects, Device Integration

Manufacturing and Business Issues

Production Processes, Quality, Design for Manufacturability, Material Procurement, Supplier Qualification

Power Electronics for Utility Interface

Power Factor Correction, Power Quality, Electronics and Controls for Distributed Energy Systems

System Integration

Packaging, Thermal Management, EMI and EMC

Power Electronics Applications

Automotive and Transportation, Aerospace, Lighting, UPS, Power Generation and Transmission, Telecommunications, Military

Motor Drives and Inverters

AC and DC Motor Drives, Single- and Multi-Phase Inverters, PWM Techniques

Modeling, Simulation, and Control

Device, Component, Parasitics, Circuit and System, CAD /CAE Tools, Sensor and Sensor-less Control, Digital Control

Please note the following dates:

July 28, 2006

Deadline for submission of digests

October 13, 2006

Notification that a paper was accepted or declined

December 4, 2006

Final papers and author registrations are due

Digest Preparation: Prospective authors are asked to submit a digest explaining the problem or need to be addressed by the paper, the major results, and how this is different from the closest existing literature. Papers presented at APEC must be original material and not have been previously presented or published. The principal criteria in selecting digests will be the usefulness of the work to the practicing power electronics professional. Reviewers also value evidence of completed experimental work. The digest must be double spaced in 10-point or larger font and a maximum of five pages including any abstract (optional), figures, and tables. Referencing within the digest should be done by number (i.e. [1]), but the list of references is to be submitted online separately from the digest. The digest should not include any author names or affiliations. For further details please visit www.apec-conf.org.

Authors should obtain any necessary company and governmental clearance prior to submission of digests. Digests will be sent to multiple reviewers; therefore "Confidential" and "Proprietary" information should be omitted. If a digest is accepted, a final manuscript and author-registration payment must be received by the deadline above or the paper cannot be published in the Proceedings or presented at the conference. Manuscripts exceeding seven pages are subject to extra page charges (approximately \$100 for each page over seven).

Reviews: APEC relies upon a peer review process to ensure the quality of the technical content. To help maintain the high quality of the program, please contribute a few hours to review digests in your area of expertise by registering at www.apec-conf.org (under "More about APEC").

Calls for Special Presentations, Professional Education Seminars, and Exhibitor Seminars will be posted at <http://www.apec-conf.org>.

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