APEC 2001 will continue the tradition of focusing on the practical aspects of the power electronics profession. Presented papers, Professional Education Seminars and a comprehensive exposition will address the practical application of components, circuits and design techniques to the specification, manufacture and marketing of power electronic products and systems. Presentations that address new and emerging topics are welcome.

Papers of practical importance are solicited in all areas of power electronics, including but not limited to:

- DC-DC Converters
- AC/DC Power Supplies
- Inverters & Cycloconverters
- Soft Switching Techniques
- Lamp Ballasts
- Adjustable Speed Drives
- Power Factor Correction
- Design For High Efficiency
- High Frequency Design
- Modeling And Analysis
- Control Of Converters & Systems
- Simulation Tools & Techniques
- CAD/CAE Tools & Techniques
- Power Semiconductors
- I/Os For Power Electronics
- Design And Analysis Of Magnetic Devices
- New Developments In Capacitors
- High Density Packaging
- Thermal Management
- Distributed Power Systems
- Uninterruptible Power Systems
- Automotive & Traction Applications
- Aerospace/Defense Systems
- EMI and EMC Issues
- Protection Of Converters & Systems
- Regulatory Requirements
- Market Analysis & Strategies
- Product & Technology Roadmaps
- The Voice Of The Customer
- Identifying New & Emerging Markets
- Benchmarking Results
- Quality Programs And Data
- JIT & Material Management
- Vendor Qualification
- Manufacturing Processes
- Design For Manufacturability
- Technology Transfer
- Standardizing Specifications

Deadline for Submission of Abstract and Digest is August 20, 2000.

Notification that a paper was accepted or declined will be mailed no later than October 6, 2000.

Manuscripts in final camera ready form will be due at the publishers no later than December 8, 2000.

Preparation of Abstracts and Digests: Prospective authors of technical papers and professional education seminars are asked to submit a 50-word Abstract and a three to five-page Digest (including figures, tables and references) of their planned presentation. Both Abstract and Digest should be typed and double-spaced on 8 1/2" x 11" (A4 size) paper. All authors should obtain company and governmental clearance prior to submission of Abstracts and Digests. Abstracts and Digests marked "Confidential" will not be accepted.

The heading of the Abstract must include the title of the presentation and the names and affiliations of all authors. If there are multiple authors, the Corresponding Author must be clearly identified with mailing address, telephone and fax numbers, and e-mail address (if available). The heading of the Digest should include only the title with no mention of the authors or their affiliations. The Digest should clearly state the purpose and contribution of the work, specific results and the methods used.

Eight (8) copies of the Abstract and Digest (originals are not required) should be mailed in time to be received at the APEC offices no later than August 20, 2000. Abstracts and Digests submitted by facsimile will not be accepted.

A peer review process will be used to evaluate all papers submitted for consideration. The principal criterion in reviewing papers for acceptance will be the usefulness of the presentation to the practicing power electronics professional. The reviewers value evidence of completed experimental work.

Manuscripts not received at the publisher by the deadline above may not be published. Papers that are not published in the Proceedings will not be presented at the conference. Finished manuscripts that exceed seven pages will be subject to publication page charges.

Professional Education Seminars at APEC are typically three hours in length and can range from broad to narrow in scope, introductory to advanced in level. If you are interested in presenting a Professional Education Seminar at APEC 2001, please contact the APEC 2001 offices to request the Prospective Seminar Speaker’s Guidelines.

APEC 2001 will be sponsored by the IEEE Power Electronics Society, the IEEE Industry Applications Society and the Power Sources Manufacturers Association.

Submit Abstracts and Digests and requests for further information to the APEC 2001 offices at:
Meeting Highlights

In addition to a full technical program of presented papers, APEC 2001 will offer Professional Education Seminars on important topics for practicing design engineers or anyone whose area of responsibility includes quality, manufacturing or marketing. The Seminars and Technical Sessions will be supplemented by informal rap sessions addressing important topics of the day, and the annual Micro-Mouse contest.

APEC 2001 Exposition

A comprehensive exposition on the latest advances in power electronics equipment and services will be featured during APEC 2001. Exhibitors and will include commercial firms and organizations involved in the manufacture, sale or distribution of power electronics equipment and professional or technical services. If interested in exhibiting, write to: APEC 2001, 2000 L Street, NW, Suite 710, Washington, DC 20036.

Conference Location

APEC 2001 returns to the Mouse! Disneyland in Anaheim, California will be home to the 2001 Conference and Exposition. The 55-acre California Adventure theme park is just part of the $1.4 billion expansion of The Disneyland Resort that will be new to all returning APEC attendees. We will be planning another very special Wednesday evening in the park.

Archival Publications

Conference papers will be eligible for later publication in either the IEEE Transactions on Power Electronics or the IEEE Transactions on Industry Applications, subject to peer reviews conducted by the editorial boards of these journals.

Do You Want Information on the Conference and Exposition or to be added to our mailing list?

Please check our website or to be added to our mailing list to obtain additional information on either the conference or the exposition, please send your name and address to:

APEC 2001
2000 L Street, NW • Suite 710 • Washington, DC 20036
(202) 973-8664 • (202) 331-0111 Fax
Web Page: www.apec-conf.org