



Abstract Due Date: June 1, 2006

PORTABLE-2007

IEEE COMPONENTS, PACKAGING AND
MANUFACTURING TECHNOLOGY SOCIETY

CALL FOR PARTICIPATION

IEEE International Workshop on **Portable Information Devices (PIDs)**

Joint IEEE @ CTIA Wireless 2007 Interdisciplinary Intersociety Event
Orange County Convention Center, Orlando, Florida, USA
March 25-29, 2007

PORTABLE 2007 will bring together electrical, materials, mechanical, optical, reliability, industrial and manufacturing engineers, as well as business leaders involved or interested in various types of Portable Information Devices (PIDs), to address and discuss the state-of-the-art, challenges, attributes and pitfalls in PIDs and related areas. The expected attendance is 120-150 people. We are looking for technical paper contributions (initially, in the form of extended abstracts, and then in the form of full-length papers), coupled with tutorial, panel discussions, and demonstration (trade show type) proposals on various aspects of the PID engineering, including, but not limited to:

- Functional (electrical, optical) and Physical Design; Packaging, Physics, Mechanics, Materials, Manufacturing and Reliability of PIDs, Cellular Phones and other Mobil/Wearable Devices,
- Hardware/Software Interaction; and Power Generation, Supply and Conversion;
- Special Areas of Applications (e.g., Bio-Medical) and Use of Nano-technologies,
- Multi-Modal Man-Machine Communication; Anywhere/Anytime Access to Information; and Audio and Video Recognition and Processing;
- Predictive Modeling and Experimental Evaluations and Testing;
- Economics, Business, Government/Regulatory and Homeland Security Related Issues;
- Home Entertainment Systems and Networks, and other Social Areas, and Impact on society.

Eight half-day tutorials (short courses) will be held on Sunday, March 25. Keynote presentations, invited talks, technical sessions and business-related panel discussions will be held on Monday through Wednesday, March 26-28. An IEEE Pavilion featuring technology exhibits will be open on Tuesday, Wednesday and Thursday, March 27-29.

General Co-Chairs of the Workshop are: Ephraim Suhir (University of California, USA), Curtis Siller (IEEE Com-Soc President, USA), and Tom Gurley (IEEE BTS President, USA)

EXTENDED ABSTRACT and/or a **TUTORIAL PROPOSAL** and/or a **PROPOSAL FOR A TECHNOLOGY OR BUSINESS APPLICATION PANEL DISCUSSION** should be submitted to Mrs. Nicole Tom, UCSC, at nicole@soe.ucsc.edu, with a copy to suhire@aol.com by **June 1, 2006**. The abstract should contain about 1500 words, and relevant figures and tables, and should include the following sections: background/incentive/motivation; objective(s); approach; major results; conclusions and recommendations; future work; references. The author(s)/instructors/panel-organizers will be notified on the paper/tutorial/panel-discussion acceptance by **July 1, 2006**. The final decision will be made based on the **FULL-LENGTH PAPER** (typically eight-pages long) and/or **TUTORIAL HANDOUTS** and/or **PANEL MATERIALS** that should be submitted by December 1, 2006 to Mrs. Nicole Tom, UCSC, at nicole@soe.ucsc.edu, with a copy to suhire@aol.com. The registration deadline for tutorials is February 1, 2007.

PROPOSALS FOR DEMONSTRATIONS (EXHIBITS) should be submitted by **June 1, 2006** to Mr. Brian Bigalke at b.bigalke@ieee.org, and should describe the main contributions of the demonstration and the merits of the proposed ideas. Authors should indicate if their demonstration presentation is a prototype or a poster. Proposals that demonstrate actual prototypes should include space, power and networking requirements. Submission details, including proposal templates, can be found on the conference web site at: www.ieee-ccnc.org/author_info. The potential exhibitors will be notified of the demonstration acceptance by July 1, 2006. Final camera-ready two-page exhibit/poster paper submission deadline is December 1, 2006, and registration deadline is January 1, 2007.