

## IBMM 2006 to Be Held in Italy in September

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The 15th International Conference on Ion Beam Modification of Materials (IBMM 2006) will be held in Taormina, Italy, September 18–22, 2006. The conference is chaired by Francesco Priolo (University of Catania, CNR-INFM MATIS), Salvo Coffa (ST Microelectronics, Catania), Maria Grazia Grimaldi (University of Catania, CNR-INFM), and Corrado Spinella (CNR-IMM, Catania).

The conference, held every two years since its inaugural meeting in Budapest, Hungary, in 1978, offers a major international forum to present and discuss recent research results and future directions in the field of ion-beam modification, synthesis, and characterization of

materials. The focus of the conference is on the materials science involving both basic ion–solid interaction processes and property changes occurring either during or subsequent to ion bombardment and ion-beam processing in relation to materials and device application.

Key topics of the conference are

- fundamentals of ion–solid interactions;
- ion-beam processing of semiconductors, metals, ceramics, and polymers;
- application of ion beams to electronic, magnetic, and optical materials and devices;
- cluster ion beams;
- plasma-immersion ion implantation; and

- novel ion-beam processing and applications.

A focused session on ion-beam processing for nanofabrication will be organized.

**Abstract deadline is April 14, 2006.** The official language of the conference is English. The Proceedings of IBMM 2006 will be published by Elsevier as a special issue of *Nuclear Instruments and Methods B*.

The conference is sponsored by the University of Catania, Faculty of Science; CNR-INFM MATIS; ST Microelectronics; CNR-IMM; Consorzio Catania Ricerche, High Voltage Engineering, Varian, and Laser Source. For further information, access Web site [www.ibmm.it](http://www.ibmm.it) or e-mail [info@ibmm.it](mailto:info@ibmm.it).

## PORTABLE-2007 to Be Held in Florida in March 2007

PORTABLE-2007, a conference bringing together electrical, materials, mechanical, optical, reliability, industrial, and manufacturing engineers and business leaders involved or interested in various types of portable information devices (PIDs), will be held in Orlando, Florida, March 25–29, 2007.

Chaired by Ephraim Suhir (University of California), Curtis Siller (president, IEEE Communications Society), and Tom Gurley (president, IEEE Broadcast Technology Society), the conference will address and discuss the state of the art, challenges, attributes, and pitfalls in PID-related areas of engineering and applied

science, with an emphasis on the interaction of the hardware and software in PIDs, as well as their functional and mechanical performance, reliability, and durability. PORTABLE 2007 will feature technical papers, tutorials, panel discussions, and demonstrations on the different aspects of PID engineering.

PORTABLE 2007 is part of the program of IEEE @ CTIA Wireless 2007, an umbrella, collocated event sponsored by the IEEE New Technology Directions Committee, the IEEE Communications Society, the IEEE Broadcast Technology Society, the Computer Society, and the Components Packaging and Manufacturing

Technology Society. The conference is technically co-sponsored by the University of California at Santa Cruz and the IEEE Engineering in Medicine and Biology Society. PORTABLE 2007 seeks the cooperation with, and participation of, several non-IEEE societies and government agencies.

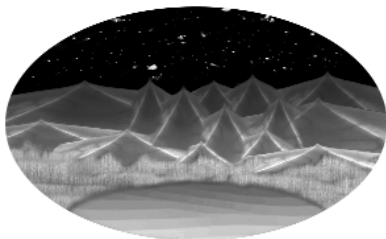
**The abstract deadline is May 1, 2006.**

Additional information about the workshop can be obtained by e-mail to [nicole@soe.ucsc.edu](mailto:nicole@soe.ucsc.edu) and/or to [suhire@aol.com](mailto:suhire@aol.com).

EPHRAIM SUHIR

University of California  
Co-General Chair, PORTABLE 2007

REGISTRATION NOW OPEN



### ICNDST & ADC 2006 Joint Conference

May 15-18, 2006  
Research Triangle Park, NC

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and 9th Applied Diamond Conference (ADC)*

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