

Second Call for Papers

2003 Surface Analysis

An AVS Topical Conference

25th Annual Symposium on
Applied Surface Analysis
June 3rd-6th, 2003

Center for Microanalysis of Materials
Frederick Seitz Materials Research Laboratory
University of Illinois at Urbana-Champaign

Cosponsored by: AVS, Applied Surface Science Division
AVS Prairie Chapter, and College of Engineering - UIUC

<http://cmm.mrl.uiuc.edu/SA03/index.html>

The Conference will provide a forum for scientists in all disciplines to discuss advances in surface analysis techniques and their application to thin films, semiconductors, composites, ceramics, polymers, biomaterials, catalysts, tribology, adhesion, and other material systems. Topics of particular interest are imaging with high lateral resolution and applications of quantitative surface analysis. Attention will be given to these topics as they apply to techniques such as AES, XPS, SIMS, RBS, SPM, NRA, and sputter-depth profiling, as well as to emerging techniques.

List of Invited/Confirmed Speakers:

An outstanding list of 19 invited speakers, including four AVS distinguished lecturers, will cover recent advances in a wide array of surface analysis areas. For details see: <http://cmm.mrl.uiuc.edu/SA03/invited.htm>

Call for Contributed Papers and Abstract Submission:

Contributed papers are requested for a limited number of oral presentations, as well as for poster sessions. Please state your preference. The program committee will organize papers into appropriate technical sessions. Sessions will be held on June 4th, 5th, and 6th. Abstracts of no more than one letter size (8 ½ x 11) page should be sent electronically to Ramona Simpson email: sa03@mrl.uiuc.edu by April 3rd, 2003.

Poster Presentations:

Poster sessions will be held in conjunction with a vendor exhibit on June 4th and 5th. There will be a student presentation/poster competition for full time students. Cash awards of \$300 will be given to four winners.

Published Proceedings:

The proceedings of the symposium will be published in an issue of Surface and Interface Analysis. Please indicate if you intend to submit a full-length manuscript for publication when you submit your abstract. There are no page charges. Manuscripts are due at the symposium, or can be sent directly to the North American Editor so it reaches him by the same deadline. The instructions for the preparation of manuscripts, and the alternative mailing address are available at <http://www.surfaceanalysis.org>.

ASTM meeting:

The E-42 committee on surface analysis will meet in the afternoon on Tuesday, June 3rd, 2003. More information will be provided at the time of the symposium. All are welcome to attend.

Short Courses: The following AVS short courses will be offered: See <http://www.avs.org/shortcourses/schedule.html> for registration information.

Tuesday, June 3rd, 2003

Nucleation, Growth, and Microstructure Evolution

Joe Greene, Professor of Materials Science and Head of Electronics Materials Div., University of Illinois

X-ray Photoelectron Spectroscopy (XPS/ESCA)

John Grant, Senior Research Scientist, Research Institute, University of Dayton

Wednesday, June 4th, 2003

Surface Characterization of Biomaterials

David Castner, Director, NESAC/BIO, Depts. of Chemical Engineering & Bioengineering, University of Washington

Thursday, June 5th, and Friday June 6th 2003

Sputter Deposition

Joe Greene, Professor of Materials Science and Head of Electronics Materials Div., University of Illinois

Vendor Exhibit:

Representatives from surface, thin film, and vacuum equipment manufacturers are invited to exhibit at the symposium. The vendor's exhibit will be held on Wednesday, June 4th and Thursday, June, 5th. Coffee breaks and poster sessions will be integrated with the vendor exhibit. The exhibit will be advertised and open to all Center for Microanalysis of Materials (CMM) users (over 600 scientists) and all departments at the University of Illinois, as well as the off campus community.

Vendor contact: Ramona Simpson email: sa03@mrl.uiuc.edu (217) 333-1381.

Tours: Tours of CMM will be available with an Open House on one evening of the conference.

Accommodations:

A block of rooms has been reserved at the Hampton Inn – Champaign, 1200 W. University Ave., Champaign, IL, phone: (217) 337-1100. This is within walking distance of the conference site (about 5 blocks). The conference rate is \$60 for single or \$65 for double occupancy/night plus tax (reservation code SA-03). Rooms will be held at this rate until **May 2, 2003**. After this date, rooms cannot be guaranteed. Hampton Inn provides free parking, complimentary continental breakfast, free local calls, and a free local/airport shuttle (Willard Airport). Student accommodations are available for \$20/person for double occupancy/night and \$25/person for single/night at Hendrick House, 904 W. Green St., Urbana, IL, phone: (217) 365-8000. This is within 3 blocks of the conference site. Rooms are doubles and students will be paired with others from the same institution and/or by gender. Reservations should be requested on the conference registration form. Deadline for dorm reservations is **May 2, 2003**.

Transportation:

The following University of Illinois web site offers details regarding travel to and from the campus:

<http://www.uiuc.edu/visitors/vguide.html>. For specific maps see <http://cmm.mrl.uiuc.edu/SA03/index.html>.

There are frequent flights from Chicago O'Hare (ORD), Indianapolis International (IND), Lambert St. Louis International (STL), and Bloomington-Normal Regional (BMI) airports to University of Illinois-Willard Airport (CMI) serving the twin cities of Urbana-Champaign. Detailed instructions and driving directions can be found at

<http://www.uiuc.edu/admin2/directions.html>

Registration:

Pre-registration \$120- Single Day, \$250- Full Conference (deadline of May 5th, 2003)

On-site registration \$120- Single Day, \$300- Full Conference

Student registration \$ 75 (pre-registration deadline of May 5th, 2003)

Deadlines:

Abstract Due Date April 3rd, 2003

Pre-registration May 5th, 2003

Conference Co-Chairs:

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