

The Thirteenth Topical Conference on Quantitative Surface Analysis QSA-13 will be held at the Indian Pueblo Cultural Center (<http://www.indianpueblo.org/>) in the Historic Old Town district of Albuquerque, NM on Friday and Saturday, October 15 and 16, 2010. These dates are on the weekend preceding the AVS International Symposium in Albuquerque. The conference is sponsored by the AVS Applied Surface Science Division and the AVS New Mexico Chapter.

This AVS Topical Conference, held biennially since 1985, provides an informal forum similar to a Gordon Conference for extended discussion on the quantitative aspects of surface analysis and on surface, interface and thin-film characterization, including high spatial resolution measurements. This meeting has proven to be useful to students and others new to quantitative surface analysis and for more experienced researchers to see the current state of the art in a variety of methods. The program will consist of invited presentations and a poster session of contributed papers. Each invited talk will be followed by an extended discussion period. The conference starts on Friday morning Oct. 15 at 8:30 AM and concludes on Saturday afternoon Oct. 16 at 5 PM.

The speakers and topics cover quantification over a wide range of topics:

#### **Maximizing Information from Surface Analysis**

J. Hammond (PHI) - *Quantitative Auger Analysis for Nanotechnology*

S. Lea (PNNL) - *Enhancement of Information Extracted from XPS Spectra using a Near Real-time Data Analysis Application*

#### **Surface Analysis of Real-World Samples**

M. Wagner (P&G) - *Surface Analysis in the Consumer Products Industry: Quantitative Aspects and Challenges*

F. Stevie (NC State) - *Quantitative Analysis of Hydrogen in Materials*

#### **Surface Analysis by Non-Traditional Methods**

C. Szakal (NIST) - *Atmospheric Mass Spectrometry of Surfaces*

R. Opila (UDel) - *Quantitative Aspects of Synchrotron Based XPS*

#### **Forensic Applications of Surface and Microanalysis**

J. Michael (Sandia) - *Microbial Forensics by Electron Microscopy*

#### **Applications of Cluster Ion Sources**

A. Shard (NPL) - *What Can We Measure Using Organic Depth Profiling?*

We encourage you to consider attending QSA-13 and presenting a contributed poster as you plan your travel to Albuquerque. The conference hotel is conveniently located across the street from the conference venue and we have arranged a conference room rate of \$78 plus applicable taxes that is available for Thursday, Friday, and Saturday nights. The conference preregistration fee of \$180 includes a welcome reception on Thursday night, coffee breaks, 2 lunches, and the conference banquet. Details about the invited speakers and topics, abstract submission, registration and lodging can be found on the conference website, <http://www-chne.unm.edu/avs/qs2010.html>. If you have any questions you may contact one of the conference organizers below. We hope to see you in Albuquerque.

Co-chair: David Simons ([david.simons@nist.gov](mailto:david.simons@nist.gov))

Co-chair: Fred Stevie ([fred\\_stevie@ncsu.edu](mailto:fred_stevie@ncsu.edu))

Local arrangements: Cheryl Brozena ([cbrozena@unm.edu](mailto:cbrozena@unm.edu))