

AVS Mid-Atlantic Chapter DC Regional Meeting

Thursday, May 16, 2013 9 am - 2 pm
Building 215 National Institute of Standards and Technology
100 Bureau Drive, Gaithersburg, MD

Learn about the advantages of membership in the AVS !

Highlight theme: Thin Film Studies using neutrons

Invited speakers report on research in the DC area:

- Bulent Akgun (U of MD): *Structure of buried interfaces in thin polymer films by neutron reflectivity*
- Joe Dura (NIST): *In-Situ Neutron Reflectometry Measurements for Advanced Energy Storage*
- Brian Kirby (NIST): *Depth-Resolved Magnetometry Using Polarized Neutron Reflectometry*
- Duncan McGillivray (U of Auckland, NZ): *Probing the oxidative stress hypothesis on cellular membranes: red wine for old age?*

Tour of NIST Neutron Center

Equipment Fair—vacuum hardware and instruments

Poster Session open to graduate and undergrad students working in AVS research topics including:

**Cash Prizes
for the best
student posters**

**Biomaterial Interfaces
Electronic Materials & Processes
Magnetic Interfaces & Nanostructures
MEMS & NEMS
Surface Science Plasma Science
Thin Films
Vacuum Technology**

Pre-registration required -- RSVP deadline* May 7, 2013

*(foreign nationals are encouraged to apply early)

Contact : Jay Hendricks (301)975-4836 jay.hendricks@nist.gov

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Mid-Atlantic Chapter

Science and Technology of Materials, Interfaces and Processing

NIST United States Department of Commerce
National Institute of Standards and Technology