

AReMS Fall Meeting Program

Thursday, October 21, 2010

- 1:00-4:30 pm Registration at LaQuinta Inn, Boone, NC
2:30-4:00 pm **Workshop #1:** Nanodays & Microscopy in the Classroom:
Round Table Discussion (D.N. Leonard)
2:30-4:00 pm **Workshop #2:** "Digital Imaging" John Mackenzie, Jr. PhD,
Center for Electron Microscopy, NCSU
4:00-5:00 pm EXCOM meeting
4:30-5:00 pm Poster Set-Up
5:00-6:00 pm Poster Presentations
6:00-7:30 pm Dinner
7:30-8:30 pm Dinner talk by Keynote speaker: **Fred Hossler** (ETSU)
"Applications of 3-D Imaging in Teaching and Research"

Friday, October 22, 2007

- 8:30-8:35 am Welcome, President **Stan C. Kunigelis**
8:35-9:05 am **Jay Jerome** (Vanderbilt), MSA Tour Speaker
"Quantitation of Biological Structure"
9:05-9:35 am **Maxim Nikiforov** (ORNL), Young Investigator Award
"Probing Thermo-Mechanical Properties of Polymers for
High Resolution Tg Mapping"
9:35-10:00 am Break / Posters / Vendors
10:00-10:30 am **Paul L. Stiles** (NanoInk)
"Tip-based deposition of biomaterials: Rapid fabrication
of complex multicomponent surface patterns with
subcellular resolution"
10:30-11:00 am **Patty Elkins**(UNCG)
"Helium Ion Microscopy at the Joint School of
Nanoscience and Nanoengineering"
11:00-11:15 am Break / Posters / Vendors
11:15-11:45 am **Jim Wittig** (Vanderbilt)
"Characterization of FePt Magnetic Nanostructures Using
Aberration-Corrected Z-STEM Imaging"
11:45-12:15 pm Presentation of Awards, Business Meeting

www.aremms.org



Posters submission requested from all.
All student posters are eligible for poster awards.
Have one to present? Email title and abstract to:

Stan C. Kunigelis, stan.kunigelis@lmunet.edu

AReMS officers:

President: Stan C. Kunigelis, Lincoln Memorial University
Tel: (423) 869-6818, stan.kunigelis@lmunet.edu

Past President: Phil Russell, Appalachian State University
Tel: 828-262-2431, russllp@appstate.edu

Physical Member-at-Large: Rick McGill, Eastman Chemical
Tel: 429-229-5473, rlmcgill@eastman.com

Biological Member-at-Large: Johnny Carson, UNC Medical Center
Tel: 919-966-0763, jcarson@med.unc.edu

Corporate Member-at-Large: TBD

Treasurer: Sam Pennington, Allied High Tech Products
Tel: 704-825-8261, shpennington@alliedhightech.com

Secretary & Photographer: Dayton Cash, Clemson University
Tel: 864-656-6888, ecash@clemson.edu

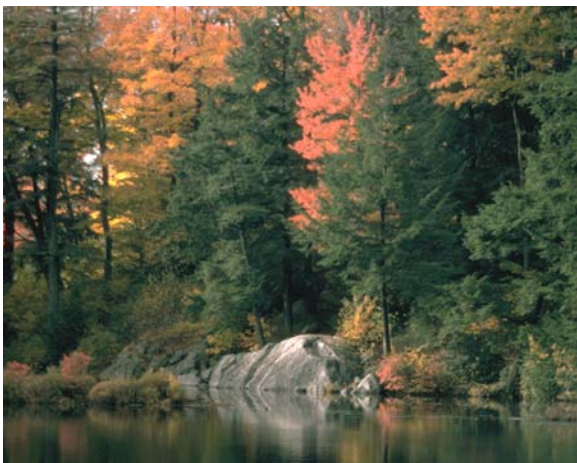
Parliamentarian: TBD

WebMaster: Donovan N. Leonard, ORNL
Tel: 865-241-4371, info@aremms.org

ENJOY...



... the fall colors and mountain scenery



... as well as the company of your fellow microscopists

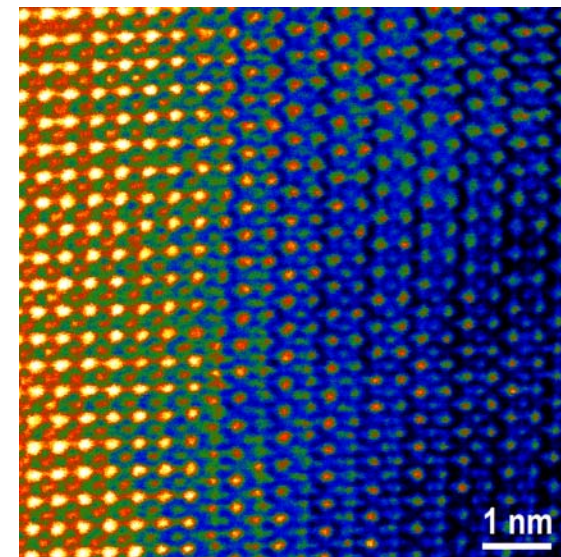


Appalachian Regional Microscopy Society

*An affiliate of the Microscopy Society of America
and the Microbeam Analysis Society*

**Annual Fall Meeting Program
October 21 & 22, 2010**

LaQuinta Inn,
Boone, NC
165 Highway 105
Extension
Boone, NC 28607
828-262-1234



(above) Atomic resolution micrograph of a thin film perovskite being researched as a solid oxide fuel cell cathode. Image courtesy of Albina Borisevich (ORNL) acquired with a Nion UltraSTEM.

For more information:

www.arems.org