

# MRS/ASM/AVS/AReMS Meeting

Nov 14-15, 2013



We are pleased to continue a joint symposium between the North Carolina Section of the Materials Research Society, Carolinas Central Chapter of ASM International, Mid-Atlantic Chapter of American Vacuum Society with the addition of the **Appalachian Regional Microscopy Society**. The meeting is expected to draw over 100 participants, both locally and from the surrounding region. Topics in materials science, processing, characterization, and biomaterials will be presented by both invited and selected student contributors.

The ASM/MRS/AVS-NC program will feature morning and afternoon oral sessions. A student poster session will also be held in the afternoon. Registration and poster setup is from 8:15 to 9:00 AM. The symposium is scheduled to be completed by 5:00 PM.

### Invited Speakers and Topics

Sarah Miller (Duke) – “Emerging Diseases and Microscopy”

David Cullen (ORNL) – “Large Area Silicon Drift Detectors for Catalysis Research”

Anne Marie Valente-Feliciano (Jefferson Laboratory) – Superconductors

David Gloecker (Isoflux Inc.) – Inverted Magnetron

### Student Poster / Oral Sessions

A student poster session will be held featuring a best of competition. Three student contributed papers will be selected for 15 min oral presentation. Cash prizes will be awarded for the best student oral presentation and for top 3 poster presentations. Poster size up to 48 wide in by 36 tall in. Please send electronic abstracts to Fred Stevie ([fred\\_stevie@ncsu.edu](mailto:fred_stevie@ncsu.edu)) and indicate if poster or talk is desired.

Abstract deadline Nov. 7th First 32 posters submitted will be judged. Later submissions can be displayed but not judged.



**At least \$1k in cash awarded!**

### Location

Hunt Library Centennial Campus  
Multipurpose Room 2110



Hunt Library  
 Parking

### Registration

(Includes breakfast and lunch)  
Professional .....\$20  
Student.....\$5

### RSVP by Nov 13th 2013

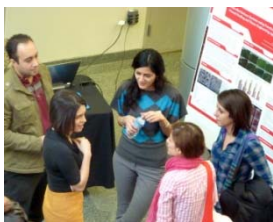
Registration Website  
[http://www.aif.ncsu.edu/mrs\\_asm\\_avs\\_arems/](http://www.aif.ncsu.edu/mrs_asm_avs_arems/)  
or contact Fred Stevie  
([fred\\_stevie@ncsu.edu](mailto:fred_stevie@ncsu.edu)).  
(Please make checks payable to Materials Research Society).

### Vendor Exhibit

Displays will be held in the same room as the meeting Hunt Library Multipurpose Room. Contact Fred Stevie or Roberto Garcia for details.

### Workshops & Short Courses

Several workshops and short courses will be held on Nov 14<sup>th</sup>. Please check the website for a complete list and registration information.



### Contacts

Fred Stevie NCSU  
[fred\\_stevie@ncsu.edu](mailto:fred_stevie@ncsu.edu)  
(919) 515-7037

Dr. John Lannon, Jr RTI  
[lannon@rti.org](mailto:lannon@rti.org)  
(919) 248-1872

Dr. Chris Bower Semprius  
[chris.bower@semprius.com](mailto:chris.bower@semprius.com)  
(919) 433-9986

Dr. Carrie Donley UNC-CH  
[cdonley@email.unc.edu](mailto:cdonley@email.unc.edu)  
(919) 843-2859

Roberto Garcia NCSU  
[rgarcia@ncsu.edu](mailto:rgarcia@ncsu.edu)  
(919) 515-8628

Dr. Jesse Jur NCSU  
[jsjur@ncsu.edu](mailto:jsjur@ncsu.edu)  
(919) 515-1676

Dr. Shanti Iyer NC A&T  
[iyer@ncst.edu](mailto:iyer@ncst.edu)

Dr. Charles Parker Duke  
[cbparker@duke.edu](mailto:cbparker@duke.edu)  
(919) 660-5592

Dr. Michael Rigsbee NCSU  
[Mike\\_rigsbee@ncsu.edu](mailto:Mike_rigsbee@ncsu.edu)  
(919) 515-3568

Joe Becker Kurt Lesker  
[joeb@lesker.com](mailto:joeb@lesker.com)  
(919) 562-9967

Donovan Leonard ORNL  
[leonarddn@ornl.gov](mailto:leonarddn@ornl.gov)