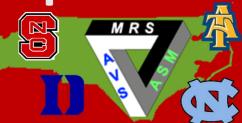
Carolina Science Symposium



November 10, 2017

NC State University, Raleigh, NC Abstract Deadline Nov 3, 2017



Location

McKimmon Center NC State University 1101 Gorman St. Raleigh, NC 27606 at the corner of Gorman St. and Western Blvd.

Student Poster / Oral Sessions

A student poster session will be held. Three student submissions 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 in by 36 in. Please send electronic abstracts to Fred Stevie and indicate if poster or talk desired

Abstract deadline Nov 3. First 32 posters submitted will be judged. Later submissions can be displayed but not judged.

Over \$1000 to be awarded





Meeting Overview

We are pleased to continue a joint symposium between the Materials Research Society, ASM International and the American Vacuum Society. The meeting is expected to draw about 100 participants, both locally and from the surrounding region. Topics in materials science, processing, nanotechnology, characterization, and biomaterials will be presented by both invited and selected student contributors.

Invited Speakers & Topics

High Impulse Magnetron SputteringJon Paul Maria, *NCSU* Nick Franzer, *Kurt J Lesker Co.*

Wearable Electronics

Michael Daniele, NCSU

The Role of Vascular Structure and Perfusion in Bone Mechanics and Health Jacqueline Cole, UNC/NCSU

Perovskite Research: History, Status, and Future Perspectives

Jinsong Huang, UNC

Light effect transistor (LET) Applications

Yong Zhang, UNC Charlotte

Non-ambient XRD Workshop Nov 8-9

Panalytical will be conducting a 2 day workshop on non-ambient X-ray Diffraction. Register at www.aif.ncsu.edu or scan QR code



Registration

(includes breakfast & lunch)
Professional\$20
Student\$10
Vendors......contact
Fred Stevie for tabletop
display

If you plan to attend, please RSVP no later than Nov 3, by registering at the website link or contacting Fred Stevie (please make checks payable

to Materials Research
Society).

Meeting Program

- Morning and afternoon oral sessions
- Afternoon student poster session

Registration and poster setup is from 8:15 to 9:00 AM. The program will begin at 9:00 AM and the symposium is scheduled to be completed by 5:00 PM.

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