

**American Vacuum Society**  
***Science and Technology***  
***of Materials, Interfaces, and Processes***

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*Faculty Advisor* – **CNSE Student Chapter of AVS** (2013 – Present)

*Chair* – **Hudson Mohawk Chapter of AVS** (2013)

*Member at Large* – **Applied Surface Science Division of AVS** (2013 – 2015)

**About AVS:**

As an interdisciplinary, professional Society, AVS supports networking among academic, industrial, government, and consulting professionals involved in a variety of disciplines - chemistry, physics, biology, mathematics, all engineering disciplines, business, sales, etc. through common interests related to the basic science, technology development, and commercialization of materials, interfaces, and processing area.

**History:**

- 1953 – Committee on Vacuum Techniques Founded
- 1957 – Group Renamed American Vacuum Society, Inc.
- 1961 – Current Constitution and By-laws Adopted

## Divisions:

- Advanced Surface Engineering
- Applied Surface Science
- Biomaterial Interfaces
- Electronic Materials/Processing
- Magnetic Interfaces/Nanostructures
- Nanometer-Scale Science/Technology
- Plasma Science/Technology
- Surface Science
- Thin Film Division
- Vacuum Technology

## Technical Groups:

- Manufacturing Science/Technology
- MEMS/NEMS

**Spring Meeting Hudson Mohawk Chapter of the AVS April 20, 2015**

**SUNY Polytechnic Institute  
Nanoscale Science and Engineering (CNSE)  
CESTM Rotunda and Auditorium  
257 Fuller Rd  
Albany, NY 12207**

## **AGENDA**

- |                |   |
|----------------|---|
| <b>3:30 PM</b> | Tour of CNSE Research Facilities  |
| <b>4:00 PM</b> | Reception and Refreshments  |
| <b>4:20 PM</b> | Welcome, Kim Michelle Lewis, Rensselaer Polytechnic Institute<br>National AVS Update, Vincent Smentkowski, GE |
| <b>4:30 PM</b> | Oral Presentations  |
| <b>6:30 PM</b> | Poster Presentations and Dinner   |
| <b>8:00 PM</b> | Best Poster and Oral Presentation Awards<br>and Brief Chapter Update  |
| <b>8:15 PM</b> | Adjourn   |

# AVS 62<sup>ND</sup> INTERNATIONAL SYMPOSIUM & EXHIBITION

**SAN JOSE CONVENTION CENTER**

October 18-23, 2015 | San Jose, California

Exhibit: October 20-22, 2015

**Technical Sessions | Short Courses | Tutorials | Exhibits**

Addressing cutting-edge issues associated with materials, processing, and interfaces in both the research and manufacturing communities. The weeklong Symposium fosters a multidisciplinary environment that cuts across traditional boundaries between disciplines.



[www.avs.org](http://www.avs.org)

Abstract Deadline:  
May 4, 2015