



Science and Technology of Materials, Interfaces, and Processing

Topical Areas

2D Materials
Biomaterials
Environmental S&T
Magnetic Materials
Manufacturing S&T
Materials Characterization
Materials Processing
MEMS
Microelectronic Materials
Nanoscale S&T
Plasma S&T
Quantum Science
Spectroscopic Ellipsometry
Surface Engineering
Surface Science
Thin Films
Vacuum Technology

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2025 Spring Meeting Hudson Mohawk AVS Chapter Thursday, April 24, 2025 3:00 – 7:10 PM

University at Albany, SUNY
ETEC building, Room B011
1220 Washington Avenue, Albany, NY 12226

Abstract submission Deadline: **April 10, 2025**

Agenda

3:00 - 3:30	Reception (<i>coffee and cookies served</i>)
3:30 - 3:45	Welcoming Remarks by Executive Committee
3:45 - 4:15	<u>Keynote Presentation:</u> Professor Daniel Gall, Rensselaer Polytechnic Institute "New materials for high-conductivity interconnects"
4:15 - 5:45	Oral Presentations (six 15 minute slots)
5:45 - 7:00	Poster Presentations (<i>pizza and refreshments served</i>)
7:00 - 7:10	Awards Ceremony for Student Presenters

Call for Papers

Abstracts are now being solicited for oral and poster presentations on topics of interest within AVS: surface engineering, thin films, material properties, interface characterization, vacuum techniques, electronic properties, photovoltaics, nanofabrication, energy storage, biophysics and bio-inspired systems, etc.

As an interdisciplinary professional society, AVS **supports networking** among **academic, industrial, government, and consulting professionals** involved in a variety of disciplines related to **materials, surfaces, interfaces, and processing**. Participation in the local chapter provides an excellent opportunity to interact in a smaller venue compared to the larger national conferences, affording the participants time to focus on presentations of scientific work that is happening in our immediate geographic proximity, and opportunity for professional networking.

These local chapter meetings are also an ideal setting for students and early career researchers and professionals to present their research. Therefore, student participation is strongly encouraged. Established professionals are also welcome to submit abstracts, which could include recent studies, or provide overviews of topics of general scientific interest to the society and chapter members.

Registration is required, but free and open to non-AVS members.

Pizza and refreshments will be provided at about 6:00 pm.

At the end of the meeting, awards will be given for the best student oral and poster presentation(s). The student award winner(s) will be given a certificate from the AVS and publicized in the AVS Newsletter.

Please email aleksandra_biedron@avs.org and marco_hopstaken@avs.org to submit an abstract and/or register:

- For abstract submission: email by April 10, 2025, with abstract attached, with your name, organization, and if you are AVS member, and subject line in the email "**HMAVS Spring 2025 Abstract**".
- For registration: email by April 17, 2025, with your name, organization/affiliation, and if you are AVS member, with subject line in the email "**HMAVS Spring 2025 Registration**."
- If you submitted an abstract, you do not need to send a registration email. However, your co-authors on the paper will need to register if they plan to attend the meeting.

Aleksandra Biedron and Marinus (Marco) Hopstaken
AVS Hudson Mohawk Chapter

Instructions for Submitting Abstracts:

Abstract submission Deadline: **Thursday, April 10, 2025**

Please include "**HMAVS Spring 2025 Abstract**" in the subject line of your email.

Abstract format:

- One page abstract 8.5" x 11", with 1" margins all around, MS Word (12pt Arial, and/or symbols). Only .doc or .docx format, no pdf files.
- Center title, authors, and affiliation at the top.
- Leave one blank line between title and authors, and between authors and affiliations.
- Print title bold, all uppercase (except chemical symbols).
- Type the names of the authors (mixed case) and underline presenting author's name.
- Type author affiliations/organization.
- Type e-mail address of the presenting author.
- Leave another blank line.
- Type abstract text, single-spaced, with one blank line between paragraphs.
- Graphs and images can be included, as long as the entire abstract fits on one page.

Indicate whether you would like to give an oral or poster presentation at the bottom-left corner of the page (in the footer).

If you are a student, also indicate whether you are an undergraduate or a graduate student after you give your presentation format preference.

Past award winners can present at the meeting but are not eligible for the awards.

If you are student involved with Applied Surface Science, and considering participating in AVS 71 International Symposium in September 21-26, 2025, in Charlotte, NC, please be aware the AVS Applied Surface Science Division (ASSD) is having a Student Awards Competition:

The Applied Surface Science Division welcomes you or your student(s) to apply for this year's Student Awards Competition. For the competition, the top finalists will be selected from this year's applicants and each will present a 3 slide, 5 minute talk summarizing their research.

The finalists will be competing for three monetary prizes totaling \$1500 as well as reimbursement for the 2025 Symposium for the 1st place winner! In addition to these incentives, the competition is also a great way to interact with the ASSD and get to know some of its members, regardless of whether you are participating in the student awards competition.

Students wishing to participate in the competition should complete the application on the awards submission site and submit a copy of the abstract and current CV by April 1, 2025. For more information and to find the application please visit our website.

If you have any questions or concerns during the application process, please reach out to the ASSD Student Awards Chair at Jodi.Grzeskowiak@us.tel.com

<https://avs.org/awards/division-group-student-awards/applied-surface-science/>