



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

Contacts

Chief Operating Officer
212-248-0200, ext. 222

Exhibition
212-248-0200, ext. 229

Finance
212-248-0200, ext. 224

Marketing/Meetings
530-896-0477

Member Services
212-248-0200, 221

Publications
919-361-2787

Short Courses
530-896-0477

Web/IT
212-248-0200, ext. 223

Officers

President-
David P. Adams

President-Elect-
Bridget R. Rogers

Past-President-
Michael D. Williams

Clerk-
David Surman

Treasurer-
Gregory J. Exarhos

Directors-
Ashleigh E. Baber
Erica A. Douglas
Robert K. Grubbs
Caitlin Howell
R. Mohan Sankaran
Virginia "Ginger" Wheeler

AVS
125 Maiden Lane, 15B
New York NY 10038

Phone: 212-248-0200
Fax: 212-248-0245
E-mail: avsnyc@avs.org
Web: www.avs.org

2024 Spring Meeting Hudson Mohawk AVS Chapter Thursday, April 11, 2024 3:30 – 7:40 PM

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

Abstract submission Deadline: **March 25, 2024**

Agenda

3:30 - 3:50	Reception (coffee and cookies served)
3:50 - 4:00	Welcoming Remarks
4:00 - 4:30	<u>Keynote Presentation:</u> <i>Characterization and Metrology of Si/Si(1-x)Ge(x) nanoscale superlattice film stacks and semiconductor device structures for next generation transistors and memory</i> Alain C. Diebold, Department of Nanoscale Science & Engineering, University at Albany
4:30 - 6:00	Oral Presentations (six 15 minute presentations)
6:00 - 7:30	Poster Presentations (pizza and refreshments served)
7:30 - 7:40	Awards Ceremony

Call for Papers

Abstracts are 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.

The local chapter meetings are 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 for the meeting is 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 oral and poster presentation(s).

The award winner(s) will be given a certificate from the AVS and will also be publicized in the AVS Newsletter.

Please email your name and affiliation to marco_hopstaken@avs.org or aleksandra_biedron@avs.org

to submit an abstract and to register:

- For abstracts, submit via email by March 25, 2024, using the instructions below, with the exact subject line in the email, "**HMAVS Spring 2024 Abstract**".
- For registration, send email by April 8, 2024, with your name and affiliation, with the exact subject line in the email, "**HMAVS Spring 2024 Registration**". If you have 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: **March 25, 2024**

Please include "**HMAVS Spring 2024 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). 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.
- 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 student 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.