



**Science and Technology  
of Materials, Interfaces, and Processing**

120 Wall Street, 32nd Floor  
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# AVS @53

## IUVSTA ECM, 30<sup>th</sup> April 2006

# Welcome to San Diego!



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## The AVS is a volunteer-driven organization

- **Officers of the Society & Directors**
  - The government of the Society rests in the Board of Directors, which is comprised of the six Directors, the four Officers, and the Immediate Past-President.
- **Trustees**
  - The Scholarship and Awards Committee consists of six Trustees, elected by the AVS membership
- **Staff**
  - All AVS activities are anchored by an outstanding professional staff located in the AVS National Office in New York, in our AVS West Office in Chico, California and the JVST Editorial Office in Research Triangle Park, North Carolina



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# AVS Governance

- **Standing Committees**
  - Responsible for the core activities in AVS.
  - Education and Outreach
    - Short Courses
    - Outreach: K-12-DC
- **Special Committees and Society Representatives**
  - Created by the President as needed.
- **Chapters**
  - Regional based, they organize dinner meetings, conferences, educational outreach, etc.
- **Student Chapters**
  - Tailored to the needs of university students looking for opportunities for career and professional development.



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# AVS has evolved

- **AVS Divisions**

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

- **AVS Technical Groups**

- Manufacturing Science & Technology Technical Group
- MEMS and NEMS Technical Group
- Some TGs have evolved into Divisions
- Some TGs have been disbanded
- Some Divisions have reinvented themselves
- *AND SO HAS IUVSTA*

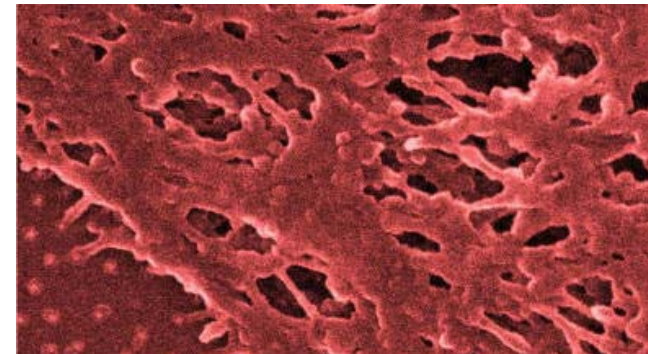


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# AVS Publications

**NEW!!!**

- JVSTA&B
- Surface Spectra
- **Biointerphases**
  - Open Access: Page charge supported
    - Original research
    - Critical Reviews
    - Editorial Commentary
    - Opinionated Essays
    - Myth and Reality section
  - Published online as a quarterly





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# International Participation

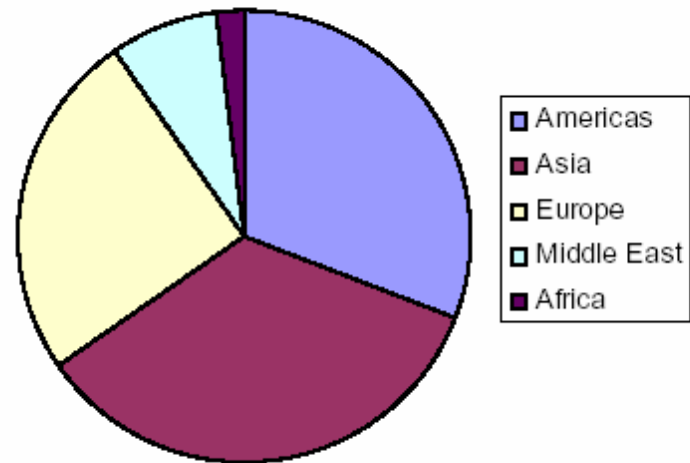
- AVS activities are increasingly international in nature
  - Biointerphases
    - Editor: Michael Grunze, Universität Heidelberg
    - Editorial Office Supervisor: Rebecca York, AVS, RTP, NC
    - Advisory Board: 40% US, 50% Europe, 10% Asia
    - *Published Online Everywhere!*
  - Annual Symposium, ~40%
  - ICMCTF, ~80% and Governance
  - Bilateral Agreements: Brazil, Mexico, Israel



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# International Membership

- AVS actively seeks all members to volunteer in all levels and activities of the Society
- AVS introduced a new category of membership in 2006 for members from emerging nations





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# AVS in 2006

- **Multi-Institutional**
  - Industry, Academia, Government
- **Multi-Disciplinary**
  - Materials, Interfaces, Processing
    - Controlled environments
- **Multi-National**
  - Emerging Nations