AVS 63rd International Symposium and Exhibition 2016

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Title	AVS 63rd International Symposium and Exhibition 2016
When	So, 6. November 2016 - Fr, 11. November 2016

Description

AVS 63rd International Symposium and Exhibition 2016

The AVS Symposium is the forum for the science and technology of materials, interfaces, and processing. At this meeting, Focus Topics that will be featured include 2D Materials; Actinides and Rare Earths; Fundamental Discoveries in Heterogeneous Catalysis; Advanced Ion Microscopy; In situ and Operando Spectroscopy and Microscopy for Catalysts, Surfaces, and Materials; Novel Trends in Synchrotron and FEL-Based Analysis; Plasma Processing for Biomedical Applications; Scanning Probe Microscopy; Spectroscopic Ellipsometry; and Tribology. These topics will complement our traditional strong core on fundamental surface science and interfacial phenomena, applied surface science, surface engineering, micro- and nano-electronics, nanometerscale science and technology, manufacturing science and technology, thin films, plasma science and technology, micro- and nano-electromechanical systems, electronic and photonic materials, biomaterials, and vacuum science and technology. In addition to the Focus Topics and core Division/Group sessions, the technical program will include other special features:

Atomic layer deposition (ALD), atomic layer etching (ALE), and selective deposition will be featured in several places in the program, including the thin Film Division and the Plasma Science & Technology Division programs.

Many sessions will feature cutting-edge research driven by applications with high industrial relevance: e.g.,

- Multiple Technique Approaches for Real-World Industrial Problem Solving in the Applied Surface Science Division
- Additive Manufacturing
- sessions in the Manufacturing Science & Technology Group
- New Materials and Devices for Emerging Memory Technologies in the Electronic Materials & Photonics Division
- Nanodiamonds
- Thin Films and Electronics in the Nanometer-scale Science and Technology Division
- Nanoscale Wear: Applications to Nanometrology and Manufacturing in the Tribology Focus Topic
- Particulate Control
- Quality Control and Practices in the Vacuum Science & Technology Division

and many others.

Learn more about this event by following link:

http://www.avs.org/Symposium/

Venue - Nashville

Location	Nashville
City	Nashville
County	Tennessee
Country	US