



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

### Topical Areas

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

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15 February 2022

Dr. Christoph Eisenmenger-Sittner  
Secretary General, IUVSTA  
Vienna University of Technology  
Wiedner Hauptstrasse 8-10  
1040 Vienna, Austria

*RE: AVS Nomination of Dr. Jay Hendricks for IUVSTA President-Elect*

Dear Christoph:

The AVS is pleased to nominate Dr. Jay Hendricks for the position of President-elect of the *International Union for Vacuum Science Technique and Applications*. Jay has served the Union with distinction over the past triennium in his capacity as Scientific Director. He is well versed in IUVSTA operations and procedures, and has developed effective working relationships with fellow Officers, Councilors, and Division leaders within the Union.

A world-class expert in low pressure and vacuum metrology, Jay has over thirty years experience in vacuum science and technology and currently serves as a Deputy Program Manager at the National Institute of Standards and Technology. His current work involves seminal studies focused on the development of dynamic photonic approaches for realizing traditional vacuum gauging and temperature metrology, and extreme high vacuum production and measurement. This work has garnered numerous awards including AVS Fellow, the NIST French award, and two US Department of Commerce Gold Medals for his work involving integration of optical approaches into vacuum metrology. Jay is recognized internationally as the prominent vacuum standards expert by his many invitations to present his work at standards meetings and symposia. He has been particularly active in the AVS, serving as Director and as a member of the Mid-Atlantic Chapter Executive Committee. Organizing meetings and leading technical committees help define Jay's exceptional managerial skills. Based upon these considerations, Jay will indeed be a forward-looking leader of IUVSTA and will function effectively as president of this large organization.

The AVS Board of Directors was unanimous in naming Jay Hendricks as our nominee for President-Elect. The requisite nomination information accompanies this letter.

My best regards,

Dr. Timothy Gessert  
AVS President