

# **NCCAVS 2019 Technical Symposium**

## ***“Conversion Technologies for Generating, Transmitting, and Storing Energy”***

***To be held in conjunction with the***  
**40th Annual NCCAVS Equipment Exhibition**  
**NCCAVS 8<sup>th</sup> Annual Student Poster Session**

**Holiday Inn San Jose-Silicon Valley**  
**1350 N. First Street, San Jose, CA 95112**  
**Thursday, February 21, 2019**  
**9:00 a.m. to 5:00 p.m.**

## **CALL FOR ABSTRACTS**

### **SUBMISSION DEADLINE: November 2, 2018**

#### **Meeting Focus Areas:**

*Energy can neither be created nor destroyed.*  
First Law of Thermodynamics.

The 2019 NCCAVS Technical Symposium on "Conversion Technologies for Generating, Transmitting, and Storing Energy," to be held in conjunction with the 40th Annual NCCAVS Vacuum Equipment Exhibition, and 8<sup>th</sup> Annual Student Poster Session, will focus on technologies that include, but are not limited to:

- Batteries
- Biofuels
- Carbon-Capture
- Concentrated Thermal Solar
- Energy Harvesting
- Fuel Cells
- Geothermal
- Hydrogen Vehicles
- Photovoltaics
- Thermoelectrics
- Wireless Charging

We encourage scientific and engineering professionals, and students, from academia, government labs, OEMs, end-users, and materials suppliers to provide contributed talks to the Symposium; in addition, we will have several invited speakers participating as well.

#### **Abstract Submissions:**

**SUBMISSION DEADLINE: November 2, 2018**

Please submit your abstract by e-mail directly to the Symposium Chair, Paul Werbaneth, [pfwerbaneth@gmail.com](mailto:pfwerbaneth@gmail.com). Prospective speakers are invited to submit a one-page abstract, with or without figures, along with contact information and a short biography of the lead author.

Abstracts should consist of a concise description of the work at hand, highlighting the novelty of the approach or the special features of the results, and should also describe the relevance of the work to advancing our understanding of Conversion Technologies for Generating, Transmitting, and Storing Energy.

The Program Committee will select up to ten abstracts, including invited talks, for the Symposium.

*Authors will be notified about the status of their submission on December 3, 2018.*

Presenting authors are requested to supply the symposium chair with a copy of their presentation slides (pdf file) within two weeks following the Symposium; all talks will be posted on the NCCAUS User Group Proceedings webpage, consistent with the established practices of the NCCAUS User Groups.

**Student Poster Abstract Submissions:**

***Information about the Student Poster Session will be released soon.***

**NCCAUS 2019 Technical Symposium Program Committee:**

Paul Werbaneth (Chair, [pfwerbaneth@gmail.com](mailto:pfwerbaneth@gmail.com))

Susan Felch (Past-Chair, [sfelch@sbcglobal.net](mailto:sfelch@sbcglobal.net) )

Michael Oye (TFUG)

David Hansen (CMP)

Lucia Feng (PAG)

Michael Current (JTG)

Mayu Yamamura (TFUG)

Ya0Hsi Hwang (TFUG)

Chris Malocsay (Equipment Exhibition Chair, [chris\\_malocsay@avs.org](mailto:chris_malocsay@avs.org))

Have you signed up to be an Exhibitor? Click [here](#)!

**NCCAUS Sponsorship Opportunities**

Sponsorship of the 2019 Technical Symposium is in conjunction with the Annual Equipment Exhibition sponsorships. For further details, please contact Chris Malocsay, NCCAUS Annual Equipment Exhibition Chair, [chris\\_malocsay@avs.org](mailto:chris_malocsay@avs.org).

If you would like to sponsor a banner ad on any of the NCCAUS User Group web pages, please refer to our "NCCAUS Marketing/Sponsorship" opportunities at:

<https://nccavs-usergroups.avs.org/wp-content/uploads/2017/08/UG-Sponsor.pdf>