

# First Northeast Power Electronics Symposium

The Northeast Power Electronics Symposium (NEPES) brings together regional, national, and international leaders in power electronics from industry, academia, and government. It serves as a hub to discuss present future power electronics technology and innovation from materials to systems.

## SPEAKERS



Dr. Xin Wu  
ARPA-E



Dr. Faisal Khan  
NREL



Dr. Vladimir Blasko  
Sikorsky-LM



Prof. Ali Bazzi  
UConn



Mr. Prasanna Nagarajan  
Otis



Prof. Hua Zhang  
Lehigh University



Prof. Matthias Preindl  
Columbia University



Prof. Samantha Coday  
MIT



Prof. Yeonho Jeong  
U. Rhode Island



Prof. Khurram Afridi  
Cornell University

## PANEL DISCUSSIONS

### IEEE PELS CT Chapter Roundtable Discussion

*Applications & Reliability of WBG Devices in Space and Industrial Environments*

- Panel Moderator: Mr. John Noon, Otis
- Panelist: Dr. Ty McNutt, Wolfspeed
- Panelist: Dr. Joseph Kozak, Johns Hopkins APL

### Power Electronics Challenges in Marine and Aerospace Applications

- Panel Moderator: Dr. Parag Kshirsagar, RTRC
- Panelist: Dr. Zubair A. Baig, Pratt & Whitney
- Panelist: Mr. Jack Chapman, Electric Boat
- Panelist: Dr. Vladimir Blasko, Sikorsky-LM
- Panelist: Dr. Dan Martin, Wolfspeed

### Grid Power Electronics - Goals and Challenges

- Panel Moderator: Prof. Fang Luo, Stony Brook University
- Panelist: Dr. Fernando Fachini, Dominion Energy
- Panelist: Mr. Gustavo Ortenzi, Avangrid
- Panelist: Mr. Steffen Zeigler, Eversource Energy

## WOLFSPEED WORKSHOP

- SiC basics and reliability
- High voltage applications
- Design practices
- Simulation models and demonstrations

Wolfspeed

## POWER ELECTRONICS LAB TOUR



### Date and Time

November 21st and 22nd, 2024  
From 08:00AM to 07:30PM



### Location

Innovation Partnership Building  
159 Discovery Drive, Storrs, CT 06269

### Registration Details

Registration deadline: Friday, November 15th, 2024  
For registration and poster/demo submissions visit:  
[www.nepes-ct.com](http://www.nepes-ct.com)

### For more information

Chair: Prof. Ali Bazzi, UConn - [bazzi@uconn.edu](mailto:bazzi@uconn.edu)  
Co-chair: Dr. Valdamir Blasko, Sikorsky - LM