

PEIC To Host Session On Internships In Power Electronics At ECCE 2018

The [Power Electronics Industry Collaborative \(PEIC\)](#) has again been selected to hold a special session on workforce development at the 2018 IEEE Energy Conversion Congress & Exposition (ECCE). The topic for this year's session is "The Power Electronics Workforce of the Future – Do Internships Really Pay Off?" The event will feature presentations from PEIC members and affiliates, including: AVL, AVX, Cummins, PowerAmerica Institute, and Rockwell Automation. Following the presentations, there will also be a roundtable panel discussion moderated by David Morrison, editor of How2Power, which is an online power electronics publication and information website for engineers.

The event, which will take place September 26 in Portland, Oregon, is sponsored by PEIC's Diversity & Inclusion Working Group, which is co-chaired by PEIC President, Nanci Vogtli and PowerAmerica Director of Education and Workforce Development, Dr. Pam Page Carpenter. The session is especially targeted towards students and organizations with an interest in internship programs.

"We look forward to hosting this special session at ECCE again this year," commented Vogtli. "Internships are an integral part of the working group's mission to help educate and encourage new generations of highly skilled workers to find careers in power electronics and thus, cultivate an increasingly more innovative power electronics workforce which is vital to retaining America's competitive edge in this critical industry sector."

The presentations and speakers for the event include:

- "Development and Workforce Challenges in Testing of Power Electronics and Energy Systems in Electric Vehicles," presented by Elie Naim, technical specialist electrification for AVL, the world's largest independent company for the development of powertrain systems.
- "Business Trends and Workforce Opportunities in Advanced Electronic Passive Component Manufacturing and Supply," presented by Ron Demcko, fellow at AVX, a leading manufacturer and supplier of advanced electronic components.
- "Building Advanced Power Electronics Workforce through Internships," presented by Dakshina Murthy-Bellur, power electronics engineering lead at Cummins, and Minyu Cai, power electronics engineer for Electrification Technologies, Corporate R&T, at Cummins. Cummins is a leading provider of comprehensive powertrain and power-system solutions.
- "PowerAmerica's WBG Power Electronics Workforce Education Program," presented by Victor Veliadis, deputy executive director & CTO at PowerAmerica Institute, a nonprofit organization with a mission to save energy and create U.S. manufacturing jobs by accelerating the development and large-scale adoption of wide-bandgap semiconductor technology.
- "The Power Electronics Skillset Required for Variable Frequency Drive Development," presented by Rich Lukaszewski, manager hardware group, low voltage and medium voltage drives at Rockwell Automation, the world's largest company dedicated to industrial automation and information.

PEIC also presented a special session on power electronics workforce development programs at last year's ECCE in Cincinnati, Ohio.

For more information on the Power Electronics Industry Collaborative, see the PEIC [website](#). For more information on the ECCE conference, see [How2Power.com's special ECCE section](#) and see the ECCE 2018 conference [website](#).