

## How2Power Reports On A Wide Array Of Conferences

Wherever electronics goes, power electronics follows as power components, power converters and power supplies have become critical to the performance of so many applications. How2Power Today reports on the latest developments in power electronics with coverage of numerous conferences and tradeshows devoted to power conversion at the semiconductor or system level, but also through coverage of many non-power events.

These other events include shows and conferences focused on other areas of electronics such as high-speed digital design, semiconductor design, test, and compliance. They also include shows focusing on diverse applications and markets such as lighting, telecom, space, automotive, solar power and consumer electronics. You can learn about power electronics issues arising in these and other areas by reading the following Industry Events articles from the pages of How2Power Today.

"<u>Power Semiconductors Abound AT CES 2020</u>" by David G. Morrison, Editor, How2Power Today, March 2020 issue.

"PCIM Europe 2020 Conference Program Features More Than 300 Contributions," How2Power Today, March 2020 issue.

"CES 2020: Automotive And Health Fields Drive Much Tech Development" by David G. Morrison, Editor, How2Power Today, January 2020 issue.

"Long Island Power Electronics Symposium Continues To Grow" by Ronald DeLuca, Chair IEEE PELS, Long Island Section, How2Power Today, December 2019 issue.

"Inside ECCE: What's So Special About A Special Session?" by Peter Wung, Special Sessions Founder, IEEE Energy Conversion Congress & Exposition (ECCE 2020), How2Power Today, November 2019 issue.

"NSREC 2019: Rad Hard Power IC Portfolios Add New Functions And Higher Performance Options" by David G. Morrison, Editor, How2Power Today, September 2019 issue.

"EMC+SIPI Symposium Offered Practical Instruction, Latest Equipment And R&D" by David G. Morrison, Editor, How2Power Today, September 2019 issue.

"ECCE 2019 Expo Will Showcase The Latest Tools For Developers Of Power Electronics, Motor Systems And Their Applications" by David G. Morrison, Editor, How2Power Today, August 2019 issue.

"ECCE 2019 Plenary Explores Power Electronics On The Grid, 99% Power Efficiency And More," How2Power Today, July 2019 issue.

"EOS/ESD Symposium Presents Best Practices, Emerging Technology And Hands-On Experiences" by Brennan Pimpinella EOS/ESD Marketing Administrator, How2Power Today, July 2019 issue.

"<u>Strong Turnout For Workshop On Power Electronics Packaging</u>" by John Bultitude, PSMA Representative, and Andrew Lemmon, IWIPP 2019 Finance Chair, How2Power Today, June 2019 issue.

"IWCE 2019 Takes The Pulse Of A Dynamic Wireless Market" by Kevin Parmenter, Contributor, How2Power Today, May 2019 issue.

"PCIM Asia Presents Latest Power Electronics Research And Innovation," How2Power Today, May 2019 issue.

"Components For Military & Space Electronics Explores IC Packaging, Passives And More," How2Power Today, March 2019 issue.

"WiPDA Asia Hosts Distinguished Lineup Of Speakers On WBG Power Technology," How2Power Today, March 2019 issue.

"Workshop Focuses On Higher-Performance Packaging For Power Semiconductors" by Andy Lemmon, Finance Chair, International Workshop on Integrated Power Packaging, How2Power Today, February 2019 issue.



- "CES 2019: A Great And Possibly Growing Forum For Power Developments" by David G. Morrison, Editor and Kevin Parmenter, Contributor, How2Power Today, January 2019 issue.
- "INTELEC 2018 Highlights The Challenges Of Powering 5G ICT" by Donovan Davidson, INTELEC Conference Steering Committee Chair, How2Power Today, December 2018 issue.
- "<u>Electronics In Harsh Environments Tackles Design For Reliability</u>" by Tanya Martin, SMTA Executive Director, How2Power Today, December 2018 issue.
- "Symposium Tackled EOS And ESD Challenges Across The Electronics Spectrum Including Power Design" by David G. Morrison, Editor, How2Power Today, November 2018 issue.
- "On 10th Anniversary, ECCE Draws Nearly 1800 Attendees," How2Power Today, October 2018 issue.
- "Long Island Symposium Looks To Draw Hundreds Of Power Electronics Professionals Once Again," How2Power Today, October 2018 issue.
- "3D Power Electronics And Manufacturing Symposium Was A Great Success" by Arnold Alderman, Publicity Chair and Brian Narveson, Finance Chair, 3D PEIM, How2Power Today, October 2018 issue.
- "Workshop Will Present Developments In Wide Bandgap Power Devices & Applications," How2Power Today, October 2018 issue.
- "<u>EnerHarv Workshop Launches An International Energy Harvesting Ecosystem</u>" by Brian Zahnstecher, Technical Chair, and Mike Hayes, General Chair, EnerHarv, How2Power Today, August 2018 issue.
- "<u>ECCE 2018 Expo Brings Advanced Power Semiconductors, New Test Capabilities And Design Tool Innovations To Pacific Northwest</u>" by David G. Morrison, Editor, How2Power Today, August 2018 issue.
- "<u>Vendors Fired Up Latest Rad Hard Power Solutions At NSREC 2018</u>" by David G. Morrison, Editor, How2Power Today, August 2018 issue.
- "<u>IOT World Reveals Breadth Of IOT Ecosystem, Applications And The Role Of Power Management</u>" by Dixie Dunn and Kevin Parmenter, Contributors, How2Power Today, July 2018 issue.
- "EOS/ESD Symposium Presents Best Practices, Emerging Technology And Hands-on Experiences" by Brennan Pimpinella, EOS/ESD Marketing Administrator, How2Power Today, July 2018 issue.
- "PEIC To Host Session On Internships In Power Electronics At ECCE 2018," How2Power Today, July 2018 issue.
- "<u>ECCE 2018 Plenary Peers Into Future Of New Energy Sources And Applications</u>" by David G. Morrison, Editor, How2Power Today, June 2018 issue.
- "With Its 500 Exhibitors, DMEMS 2018 Offered A Walking Tour Of The Electronics And Manufacturing Supply Chains" by David G. Morrison, Editor, How2Power Today, June 2018 issue.
- "ITEC Eases The Transition To Electric Vehicles," How2Power Today, April 2018 issue.
- "PCIM Europe Gathers Entire Power Electronics Value Chain Under One Roof," How2Power Today, April 2018 issue.
- "<u>PCIM Asia Is User-Oriented Conference On Power Electronics And Its Applications</u>," How2Power Today, April 2018 issue.
- "Whoa! Eureka! Startups Mine New Product Concepts & Markets At CES 2018" by David G. Morrison, Editor, How2Power Today, February 2018 issue.
- "ECCE 2017 Charted Course Of Energy Conversion In Aviation And Other Fields" by David G. Morrison, Editor, How2Power Today, October 2017 issue.
- "Test Drive The Latest Design Tools And Components For Power Electronics And Electric Machines At ECCE 2017 Expo" by David G. Morrison, Editor, How2Power Today, August 2017 issue.



"More Power News From NSREC 2017" by David G. Morrison, Editor, How2Power Today, August 2017 issue.

"<u>ECCE 2017 Will Highlight Exciting Developments And Opportunities In Aircraft Electrification</u>" by David G. Morrison, Editor, How2Power Today, July 2017 issue.

"Symposium Presents Best Practices, Latest Advances In ESD Control Technology" by Junjun Li, 2017 EOS/ESD Symposium General Chair, and Terry Finn, EOS/ESD Association's Marketing & Communications Programs Manager, How2Power Today, July 2017 issue.

"NSREC Highlights Latest Rad Hard Power Components For Space" by David G. Morrison, Editor, How2Power Today, July 2017 issue.

"<u>ECCE Session Will Focus On Workforce Development And Careers In Power Electronics</u>," How2Power Today, June 2017 issue.

"<u>Power Buses And GaN Were Prominent At APEC 2017</u>" by David G. Morrison, Editor, How2Power Today, April 2017 issue.

"PCIM Europe Will Address Entire Value Chain Of Power Electronics," How2Power Today, April 2017 issue.

"<u>E-Mobility And Wide-Bandgap Technology Will Be Hot Topics At PCIM Asia</u>," How2Power Today, April 2017 issue.

"CMSE Continues To Tackle Component Challenges In Military & Space Electronics" by Tom Terlizzi, CMSE 2017 Exhibits Chairman and Member Of the Program Committee, How2Power Today, March 2017 issue.

"CES 2017: A Tour Of The Rapidly Expanding Electronics Universe With Power Technology Stops Along the Way" by David G. Morrison, Editor, How2Power Today, January 2017 issue.

"<u>WiPDA Offers Scientists And Engineers A Unique Forum On Wide-Bandgap Power Devices</u>" by Fang Luo, WiPDA Publicity Chair, Robert Kaplar, WiPDA Vice Chair and Alan Mantooth, WiPDA General Chair, How2Power Today, January 2017 issue.

"In Sensing World, Microwatts Take On Mega Importance" Kevin Parmenter, Contributor, Chandler, Ariz., How2Power Today, November 2016 issue.

"How2Power's ECCE 2016 Post Conference Report: Well Planned Program Made The Most Of Papers And People" by David G. Morrison, Editor, How2Power Today, November 2016 issue.

"<u>Leaders In Transportation Electrification Gathered At ITEC 2016</u>" by Berker Bilgin, 2016 General Chair, ITEC 2016, How2Power Today, August 2016 issue.

"Power Supply Companies Come Out For Electronica 2016" How2Power Today, August 2016 issue.

"<u>ECCE Expo 2016: A Unique Forum For The Tools To Create Energy Conversion Systems</u>" by David G. Morrison, Editor, How2Power Today, July 2016 issue.

"Growing ECCE Conference Comes To Heartland Of The Energy Conversion Industry" by David G. Morrison, Editor, How2Power Today, June 2016 issue.

"ITEC 2016 Highlights Latest Developments And Trends In Transportation Electrification" by Berker Bilgin, 2016 General Chair, ITEC 2016, How2Power Today, May 2016 issue.

"Reflections On APEC 2016: GaN's Momentum, More Magnetics And An Inspiring Plenary" by David G. Morrison, Editor, How2Power Today, April 2016 issue.

"<u>Summit Offers Chance To Shape Future Of Power Electronics Industry In The U.S.</u>" by David G. Morrison, Editor, How2Power Today, March 2016 issue.

"Intersolar India 2015: Solar Energy Gaining Ground In India" by Kristin A. Steffen, Solar Promotion International, How2Power Today, January 2016 issue.



- "MD Expo Highlights Technical Challenges And Opportunities In Maintenance Of Medical Equipment" by Kevin Parmenter, Contributor, Phoenix, Ariz., How2Power Today, December 2015 issue.
- "Summit Will Assess State Of The Wireless Charging Market And Its Future" by Kimberlee Rohrer, Smithers APEX's Conference Producer, How2Power Today, September 2015 issue.
- "Microwave Symposium Reveals Power Supply Needs Of 5G, Wearables And Other Wireless Applications" by Kevin Parmenter, Contributor, Phoenix, Ariz., How2Power Today, August 2015 issue.
- "<u>High-Powered Plenary Session Will Explore SiC Semiconductors, Grid Simulation, And Other Industrial Applications</u>" by David G. Morrison, Editor, How2Power Today, August 2015 issue.
- "ECCE 2015 Expo Will Showcase Components and Tools For Building Next-Generation Power Electronics And Electric Machines" by David G. Morrison, Editor, How2Power Today, July 2015 issue.
- "<u>Del Mar Electronics Show Successfully Revives The Electronics Expo In The U.S.</u>" by Kevin Parmenter, Contributor, Phoenix, Ariz., How2Power Today, June 2015 issue.
- "<u>Photonics West Reveals Wide Spectrum Of Power Needs Among Laser And Electro-Optic Applications</u>" by Kevin Parmenter, Contributor, Phoenix, Ariz., How2Power Today, May 2015 issue.
- "APEC Rap Session Ponders Progress, Prospects And Pitfalls For GaN Devices" by Kevin Parmenter, Contributor, Phoenix, Ariz., How2Power Today, April 2015 issue.
- "EM&CW Expo Shares Motor And Magnetics Knowledge—Including Last Chance to Take Colonel McLyman's Course," How2Power Today, April 2015 issue.
- "<u>U.K. Engineers And Students Can Learn About New Technology And Jobs At National Electronics Week</u>" by Lauren King, Marketing Manager, New Events, How2Power Today, March 2015 issue.
- "New IEEE Conference Supports Shift To DC Microgrids In Global Electricity Infrastructure" by Rajendra Singh, Technical Chair, International Conference on DC Microgrid, How2Power Today, February 2015 issue.
- "APEC 2015 Brings Power Electronics To The Fast Lane" by Greg Evans, APEC 2015 Publicity Chairman, How2Power Today, January 2015 issue.
- "SiC, GaN And Si Power Semiconductors Received Special Attention At IEDM" by Suman Datta, IEDM 2014 Publicity Chair, How2Power Today, January 2015 issue.
- "<u>DesignCon Explores Power Integrity Issues And Impact Of GaN Transistors</u>" by Kate Nilus, Events Marketing Manager, DesignCon, How2Power Today, January 2015 issue.
- "Workshop Showcased Latest Developments In Emerging Power-Supply-on-Chip Field" report on the International Power Supply on Chip Workshop (PwrSoC 2014) by Ada Cheng, AdaClock, Los Angeles, Calif., How2Power Today, December 2014 issue.
- "INTELEC 2014 Tackled Power Electronics Challenges In An Increasingly Connected World" by Don Davidson, General Chair, INTELEC 2014, How2Power Today, November 2014 issue.
- "<u>Challenges In Design And Maintenance Of Flight Simulators Extend To Power Supplies Too</u>" report on the Flight Simulator Engineering and Maintenance Conference (FSEMC 2014) by Kevin Parmenter, Contributor, Phoenix, Ariz, How2Power Today, November 2014 issue.
- "Encouraging Signs For Intersolar India 2014: New Indian Government Backs Solar Energy" How2Power Today, September 2014 issue.
- "<u>ECCE2014: Pittsburgh Is the Perfect Venue For Discussing A Clean And Sustainable Energy Future</u>" by Ayman EL-Refaie, ECCE 2014 General Conference Chair, How2Power Today, August 2014 issue.
- "<u>At BiTS, Engineers Can Address Burn-In And Test Challenges One-On-One</u>" by Kevin Parmenter, Contributor, Phoenix, Ariz, How2Power Today, August 2014 issue.



"Battery Show Speaker Discusses Hybridization Of Commercial Vehicles: Obstacles, Opportunities, And The Technology To Move Ahead" by Mindy Emsley, Conference Director, The Battery Show, How2Power Today, July 2014 issue.

"<u>Power Integrity Specialists And Tool Developers Grapple With Many PDN Design Challenges</u> [at DesignCon 2014]" by David G. Morrison, Editor, How2Power.com, How2Power Today, June 2014 issue.

"ISPSD 2014 Will Bring Together Authorities On Power Devices And ICs To Discuss Latest Developments In GaN, SiC And Silicon" by Wai Tung Ng, ISPSD 2014 Publicity Chair, How2Power Today, April 2014 issue.

"APEC 2014 Addresses Magnetics Design From Many Angles" by David G. Morrison, Editor, How2Power.com, How2Power Today, January 2014 issue.

"AES 2013 Will Present Latest Technologies And Solutions For Energy Storage" by Bobby Maher, FullPower, San Diego, Calif., How2Power Today, September 2013 issue.

"<u>Highlights Of SAAEI 2013: Intriquing Technical Sessions, Speakers And Wireless Power Contest Drew Attendees To Madrid</u>" by Daniel Díaz López, Center of Electronics for Industry, Universidad Politécnica de Madrid, Madrid, Spain, How2Power Today, September 2013 issue.

"<u>Vendors Will Showcase Instruments, Magnetics, and More At ECCE 2013</u>" by David G. Morrison, Editor, How2Power.com, How2Power Today, August 2013 issue.

"<u>ECCE 2013 Promises More Tutorials, Papers, And Sessions In A Broad And Deep Technical Program</u>" by David G. Morrison, Editor, How2Power.com, How2Power Today, July 2013 issue.

"Record Crowd Pours Into PCIM Europe To See Latest Power Products" by Cliff Keys, Technology Journalist, How2Power Today, June 2013 issue.

"Innovation Leaders Roadmap The Future Of Portable Power At Battery Power 2013" by Shannon Given, Webcom Communications, How2Power Today, May 2013 issue.

"[BiTS] Workshop Underscores Importance Of Power Supplies To Burn-in And Test of Latest ICs" by Kevin Parmenter, Contributor, How2Power Today, May 2013 issue.

"Symposium Offers Forum For Learning About Methodologies, Regulations & Services For Product Compliance Engineering" by Kevin Parmenter, Contributor, How2Power Today, February 2013 issue.

"APEC 2013 Demos Announce The Emergence Of GaN-based Power Solutions" by Ashok Bindra, Technology Writer, Technika, How2Power Today, February 2013 issue.

"APEC 2013 To Reveal Latest Advances In Power Semiconductor Devices" by Ashok Bindra, Technology Writer, Technika, How2Power Today, January 2013 issue.

"<u>Power Is Prominent At Electronica And Medica Trade Fairs</u>" by Kevin Parmenter, Contributor, How2Power Today, December 2012 issue.

"INTELEC Bridges The Telecom And Energy Worlds" by Kevin Parmenter, Contributor, How2Power Today, October 2012 issue.

"Rad-Hard Power Converters Ride Intermediate Bus Into Space" by David G. Morrison, Editor, How2Power.com, How2Power Today, August 2012 issue.

"<u>ECCE 2012 Encompasses Power Electronics, Energy Storage And Much More</u>" by Iqbal Husain, ECCE 2012 General Co-Chair, How2Power Today, August 2012 issue.

"INTELEC 2012: Exploring Power Systems, Energy Storage, and Environmental Systems for Communications" by Donovan Davidson, INTELEC 2012 Publicity Chair, How2Power Today, July 2012 issue.

"<u>Lightfair Shines Spotlight On Power And Other Electronics</u>" by Kevin Parmenter, Semiconductor Industry Veteran, Phoenix, Ariz., How2Power Today, May 2012 issue.



"CES 2012 Signals Emergence Of Solar Inverters For Consumer Products" by Ashok Bindra, Technology Writer, Technika, How2Power Today, January 2012 issue.

"ECCE 2011 Will Explore Energy Conversion For A Clean Energy Future" How2Power Today, May 2011 issue.

"Rap Session Wrap Up: APEC Panelists Explore Social Media As Cure For Corporate Hiring Woes" by Kevin Parmenter, Power Sources Manufacturers Association, Phoenix, Ariz. How2Power Today, April 2011 issue.

"<u>ECCE Speaker Discusses Environmental Mission for Power Electronics Engineers</u>" by David G. Morrison, Editor, How2Power Today, October 2010 issue.