

mesago

pcim

9 – 11.6.2026
NUREMBERG, GERMANY

**CONFERENCE
AND SEMINAR
PROGRAM**

Seminars

Sunday, 7 June 2026

2 p.m. – 5.30 p.m.

Advanced Technologies for Medium and Low Power AC-DC Converters

Ionel »Dan« Jitaru, Rompower, US

Basics for Electromagnetic Compatibility (EMC) of Power Electronics

Jacques Laeuffer, Dtalents, FR

Accurate Optimization of High Performance SiC and GaN Multilevel Inverters with Severe Constraints

Bernardo Cougo, IRT Saint Exupery, FR

Advanced Power Factor Control Techniques, from Analog to Digital Control: Theory and Practice

Francesco Gennaro, Claudio Adragna, Marco Torrisi, STMicroelectronics, IT

Designing Robust Industrial Interfaces: Advanced Strategies for Transient Protection

Heinz Zenkner, Würth Elektronik eiSos, DE

DC Grid: Topology, Converters, Control and Protection, a Hands-On Experience

Peter van Duijsen, Diego Zuidervliet, The Hague University of Applied Sciences, NL

Efficient GaN Power Electronics: Improved Static and Dynamic Performances, and Optimal Cooling

Hongkeng Zhu, EPFL, CH

Physics-Based Modeling, Control, and Observer Design in Electric Vehicles

Michael Schütt, Rostock Competence Center for Power Electronics, DE; Marc Petit, Miller Electric Manufacturing, US; Michael Saur, Mercedes-Benz, DE

AI-Enhanced Condition Monitoring and Control in Modern Power Electronics

Maher Al-Greer, Teesside University, GB

Monday, 8 June 2026

9 a.m. – 12.30 p.m.

Magnetics for High Power in Artificial Intelligence and Modern Automotive Applications

Ionel »Dan« Jitaru, Rompower, US

Power Design for Nanoseconds Commutations (Part 1): Propagation & Converters

Jacques Laeuffer, Dtalents, FR

Device Design and Driving of Power Semiconductor Devices

Thomas Basler, Chemnitz University of Technology, DE; Jan Fuhrmann, University of Rostock, DE

Controlling Power Converters at the Limits of Physics (Part 1): Modelling and Design

Christian Dick, Cologne University of Applied Science, DE; Christoph van der Broeck, RWTH Aachen University, DE; Sebastian Richter, AixControl, DE

Modern Automotive Power Trains (Part 1): Design, Testing, and Reliability

Francesco Iannuzzo, Radu Bojoi, Gianmario Pellegrino, Polytechnic University of Turin, IT

From Theory to Practice (Part 1): Fundamentals of WBG Power Semiconductors

Sebastian Sprunck, Fraunhofer IEE, DE; Christian Lottis, Marco Jung, Bonn-Rhein-Sieg University of Applied Sciences, DE; Benedikt Kohlhepp, Technical University of Berlin, DE

Next Generation Magnetic Components: From Ferrite Complexity to AI Design Empowerment

Miroslav Vasic, Lufan Zhou, Polytechnic University of Madrid, ES; Marcin Kacki, Hitachi Energy, PL

Designing Next-Generation Power Electronics to Pass EMC the First Time

Min Zhang, Mach One Design, GB

Isolation-Coordination Design Steps for Power Electronics Applications

Ilknur Colak, Schneider Electric, DE

Monday, 8 June 2026

1.30 p.m. – 5 p.m.

High Power and Very High-Density Technologies for Modern Automotive and Artificial Intelligence

Ionel »Dan« Jitaru, Rompower, US

Power Design for Nanoseconds Commutations (Part 2): Magnetics, Flybacks & Drives

Jacques Laeuffer, Dtalents, FR

Power Cycling and Lifetime Estimation of Power Semiconductor Devices

Thomas Basler, Chemnitz University of Technology, DE; Jan Fuhrmann, University of Rostock, DE

Controlling Power Converters at the Limits of Physics (Part 2): Digital Design and Implementation

Christian Dick, Cologne University of Applied Science, DE; Christoph van der Broeck, RWTH Aachen University, DE; Sebastian Richter, AixControl, DE

Modern Automotive Power Trains (Part 2): Case Studies

Francesco Iannuzzo, Radu Bojoi, Gianmario Pellegrino, Polytechnic University of Turin, IT

From Theory to Practice (Part 2): Switching Losses in Power Semiconductors

Sebastian Sprunck, Fraunhofer IEE, DE; Hauke Lutzen, University of Bremen, DE; Christian Lottis, Bonn-Rhein-Sieg University of Applied Sciences, DE

Advancements in Wireless Charging Systems for EVs - Design Challenges and Practical Solutions

Miroslav Vasic, Polytechnic University of Madrid, ES; Nikola Mirkovic, Institute Nikola Tesla, RS

Power Converters for Energy Storage Systems, Classics to Cutting-Edge

Alireza Ghanbari, Petar Grbovic, University of Innsbruck, AT

Solid State Transformers: Topologies, Use Cases, Design Considerations, and Challenges

Ilknur Colak, Schneider Electric, DE; Rafael Medeiros, Ahmed Meligy, Schneider Electric, FR

Book early and save up to 100 Euro.

Early Bird Rate available until 4 March 2026.

Conference

Tuesday, 9 June 2026

Keynote: The GaN Evolution: Lateral, Vertical, and Bidirectional — What's Next?

Michael Basler, Fraunhofer IAF, DE

Oral Sessions:

GaN Devices	Advanced Cooling	Advanced Control Methods for Power Converters	Measurement Techniques and Methods I	Charging Technologies	Advanced Modeling and Design Technologies for Electrical Drives	Morning
Power Electronics in Transportation	Condition and Health Monitoring	Thermal Monitoring and Modeling	Intelligent Gate Drivers II	Bipolar Power Devices	Cutting-Edge Developments in High-Performance Drives	Afternoon

+ 23 Poster / Dialogue Sessions with more than 160 Poster Presentations

Wednesday, 10 June 2026

Keynote: AI Meets Power Electronics: Are We There Yet?

Uwe Drofenik, Vienna University of Technology, AT

Oral Sessions:

Special Session: Artificial Intelligence in Power Electronics	WBG Reliability	Advanced Packaging	High Power Converters I	Active Filters and Electromagnetic Compatibility	Inductors and Transformers	Morning
Components Reliability	High Power Density Designs I	Design for Environmental Compatibility	Design Optimization	Multi-Domain Modeling	AC-AC Converters	Afternoon

+ 22 Poster / Dialogue Sessions with more than 165 Poster Presentations

Thursday, 11 June 2026

Keynote: Transformer Less Partial Power Converters. Disruptive Solutions for Reduction of Losses, Cost, Volume

Thierry Meynard, Laplace – CNRS, FR

Oral Sessions:

Special Session: Power Continuity vs. Power Quality – AI Data Center	Special Session: GaNius	Power Electronics for E-Mobility II	WBG Application and Package	Advanced DC-DC Converters	IGBT Technologies	Morning
Power Electronics for E-Mobility III	SiC MOSFETs II	Data Center DC-DC Converters	Novel AC-DC Converters	Die Attach Materials	Capacitors and Current Sensors	Afternoon

+ 11 Poster / Dialogue Sessions with more than 75 Poster Presentations

Conference Sponsors



Full program available on
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As of February 2026/
subject to changes.

Why you should join us

Discover what's next and become an essential part of the power electronics community.

01

Gain a holistic view of the **power electronics value chain**.

02

Attain access to **more than 500 presentations** on the latest research, developments and technologies on site.

03

Visit **more than 600 exhibitors** showcasing their latest innovations in Nuremberg.

04

Benefit from manifold **opportunities to network** with experts from academia and industry for the longer term.



» The PCIM brings that unique blend of industry and academia, which we don't really find in many different conferences. It's really an extremely important part of the training of our future generations of researchers and engineers. «

Drazen Dujic
General Conference Director
Power Electronics Laboratory, EPFL, Switzerland

Call for Papers

Are you active in power electronics and want to share your latest innovations and research results with a highly qualified audience from academia and industry?

Seize the opportunity and join the PCIM Conference as a speaker from 11 – 13 May 2027!

Call for Paper Deadlines

Submission of abstracts
14 October 2026

Notification of acceptance
January 2027

Submission of full manuscript
10 March 2027

Call for Seminar Deadlines

Submission of synopsis
14 October 2026

Notification of acceptance
January 2027

Submission of full documentation
7 April 2027

The Call for Papers will be online from July 2026.

Publishing of your paper in the PCIM Conference proceedings as well as databases like IEEE Xplore.

Venue

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