

ECPE Calendar of Events



Date	Location	Event	Topic
7 - 8 Feb. 2024	Lausanne, Switzerland	ECPE Hybrid Workshop	RT-HIL Testing of Power Electronics Converter and Drives Systems Technical Chair: Prof. D. Dujic (EPFL), T. Roesch (Opal-RT)
20 - 21 Feb. 2024	Hannover, Germany	ECPE Tutorial	Reliability of Power Electronics - Part 2: Robustness and System Reliability Technical Chair: Prof. H. Wang (Aalborg University), O. Wittler (Fraunhofer IZM)
12 - 14 March 2024	Düsseldorf, Germany	Conference & ECPE Annual Event	CIPS 2024 – 13th International Conference on Integrated Power Electronic Systems
19 - 20 March 2024	Bordeaux, France	ECPE Tutorial	Gate Drivers and Control Circuitry for IGBTs and MOSFETs Technical Chair: Prof. M. Pfof (TU Dortmund)
20 - 21 March 2024	Fully booked	ECPE/Cluster Tutorial	Testing and Electrical Characterization of Power Semiconductor Devices Technical Chair: Prof. I. Kalfass (University of Stuttgart)
23 - 24 April 2024	Padova, Italy	ECPE Tutorial	Passives in Power Electronics: Magnetic Component Design and Simulation Technical Chair: Prof. G. Hurley (Nat. Univ. of Ireland), Prof. Z. Ouyang (TU Denmark)
14 - 15 May 2024	Toulouse, France	ECPE Tutorial	EMC in Power Electronics Technical Chair: Prof. E. Hoene (Fraunhofer IZM), Prof. J.-L. Schanen (G2ELab)
27 - 31 May 2024	Gaeta, Italy	Recruitment Event with Industry Day	24th European PhD School on 'Power Electronics, Electrical Machines, Energy Control and Power Systems' Chairman: Prof. G. Tomasso (University of Cassino)
11 - 13 June 2024	Nuremberg, Germany	Conference & Exhibition	PCIM Europe 2024 ECPE Joint Stand with Students Day
20 - 21 June 2024	Fully booked	ECPE Lab Course	EMC Optimised Design (Parasitics in Power Electronics) Course Instructor: Prof. E. Hoene (Fraunhofer IZM)
24 - 25 June 2024	Lyngby Denmark	ECPE Tutorial	Corrosion in Power Electronics Technical Chair: Prof. R. Ambat (DTU), Dr. M. Meier (Zestron)
27 - 28 June 2024	Bilbao, Spain	ECPE Hybrid Workshop	Condition & Health Monitoring in Power Electronics Technical Chair: Prof. F. Iannuzzo (Aalborg University), Dr. S. Mollov (Infineon Technologies Austria), Dr. W. Wondrak
2 - 3 July 2024	Erlangen, Germany	ECPE/Cluster Tutorial	Thermal Engineering of Power Electronic Systems – Part 1 (thermal design and verification) Technical Chair: Prof. U. Scheuermann (FAU Erlangen-Nürnberg)
8 - 9 July 2024	Pilsen, Czech Republic	ECPE/Cluster-Tutorial	Model Predictive Control for Power Electronics, Drives and Power Grid Applications Technical Chair: Prof. R. Kennel (TU München), Dr. T. Geyer (ABB)
2 Sept.	Darmstadt, Germany	ECPE Workshop	Sustainability Energy Supply to Reach Net-Zero CO₂ Emissions by 2050
2 - 6 Sept. 2024	Darmstadt, Germany	Conference & Exhibition	ECCE Europe 2024 - Energy Conversion Congress & Expo
10 Sept. 2024	Nuremberg, Germany	ECPE/Cluster Tutorial	Use and Assessment of Power Device Models in Power Electronics Simulation Technical Chair: Dr. P. Türkes (Consultant Compact Power Devices Models)
17 - 18 Sept. 2024	Valencia, Spain	ECPE Tutorial	Insulation Polymers for Power Electronics: Failure Mechanisms, Preventive Measures, Testing Strategies Technical Chair: Prof. A. Claudi (University of Kassel)
18 - 19 Sept. 2024	Barcelona, Spain	ECPE Hybrid Tutorial	Introduction to Power Electronics Technical Chair: H.-P. Feustel (ECPE), Prof. W.-T. Franke (Danfoss Drives)
23 - 26 Sept. 2024	Parma, Italy	Conference	ESREF 2024 – 35th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis
24 - 25 Sept. 2024	Ingolstadt, Germany	ECPE Hybrid Workshop	Sinter Interconnections in Power Electronics Technical Chair: Prof. T. Huesgen (HS Kempten), Dr. J. Rudzki (Semikron Danfoss), Dr. H. Schweigart (Zestron)
24 - 25 Sept. 2024	Online	ECPE Tutorial	Power Electronics Packaging Technical Chair: Prof. U. Scheuermann (FAU Erlangen-Nürnberg),
9 - 10 Oct. 2024	Frankfurt, Germany	ECPE Hybrid Workshop	Materials Innovations for Advanced Power Packaging – Substrate, Interconnection and Encapsulation Technical Chair: K.-F. Becker (Fraunhofer IZM), S. Idaka (Mitsubishi Electric)
15 - 16 Oct. 2024	Munich, Germany	ECPE Tutorial	Isolation Coordination Technical Chair: Dr. I. Colak (Schneider Electric)
23 - 24 Oct. 2024	Catania, Italy	ECPE Tutorial	Wide Bandgap User Training - SiC-based Power Electronics Technical Chair: Prof. E. Hoene (Fraunhofer IZM)
6 - 7 Nov. 2024	Erlangen, Germany	ECPE/Cluster Tutorial	Thermal Engineering of Power Electronic Systems - Part 2 (thermal management and reliability) Technical Chair: Prof. U. Scheuermann (FAU Erlangen-Nürnberg)
13 - 14 Nov. 2024	Prague, Czech Republic	ECPE Tutorial	Power Circuits for Clean Switching and Low Losses Technical Chair: Dr. R. Bayerer (Physics of Power Electronics)
19 - 20 Nov. 2024	Cambridge, United Kingdom	ECPE Tutorial	Wide Bandgap User Training - GaN-based Power Electronics Technical Chair: Dr. J. Sonsky (Innoscence)
20 - 21 Nov. 2024	Vienna, Austria	ECPE Tutorial	Testing Automotive Power Modules acc. to the ECPE Guideline AQG 324 Technical Chair: Dr. M. Rittner (Robert Bosch)
26 - 27 Nov. 2024	Grenoble, France	ECPE Hybrid Workshop	Eco-Design Approach in Power Electronics (Sustainability/Circular Economy in PE) Technical Chair: Prof. J.-L. Schanen (U Grenoble), Prof. C. Minke (TU Clausthal), Prof. J.W. Kolar, Dr. J. Huber (ETH Zurich)
4 - 5 Dec. 2024	Turin, Italy	ECPE Tutorial	Reliability of Power Electronics - Part 1: Fundamentals and Converter Reliability Technical Chair: O. Wittler (Fraunhofer IZM)
CW 5 2025	Freiburg, Germany	ECPE Hybrid Workshop E	Medium Voltage Power Electronics Technical Chairs: Prof. J.W. Kolar (ETH Zurich), Dr. F. Canales (ABB), D. Kranzer (Fraunhofer ISE), Prof. L. Lorenz (ECPE)

ECPE Member companies enjoy 3 free seats in Workshops, 1 free seat in Online Tutorials and discounts at further events.

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