

# ECPE Calendar of Events



Date	Location	Event	Topic
5 - 6 Oct. 2022	Düsseldorf, Germany	ECPE Tutorial	<b>Digital Control   Modelling and Feedback Design in State-Space</b> Course Instructor: B. Stickan (Fraunhofer ISE)
6 - 7 Oct. 2022	Digital Event	ECPE Tutorial	<b>Power Circuits for Clean Switching and Low Losses</b> Technical Chair: Dr. R. Bayerer (Physics of Power Electronics)
19 - 20 Oct. 2022	Sindelfingen, Germany	ECPE/Cluster Tutorial	<b>Testing Automotive Power Modules acc. to the ECPE Guideline AQG 324</b> Technical Chair: Dr. M. Rittner (Robert Bosch)
26 - 27 Oct. 2022	Nuremberg, Germany	ECPE/Cluster-Tutorial	<b>Thermal Engineering of Power Electronic Systems - Part II (thermal management and reliability)</b>   Technical Chair: Prof. U. Scheuermann (Semikron)
16 Nov. 2022	Nuremberg, Germany	ECPE/Cluster Tutorial	<b>Use and Assessment of Power Device Models in Power Electronics Simulation</b> Technical Chair: Dr. P. Türkes (Consultant Compact Power Devices Models)
23 - 24 Nov. 2022	Graz, Austria	ECPE Hybrid Workshop	<b>Embedding and Advanced Integration Technologies in Power Electronics</b> Technical Chair: T. Thomas (Fraunhofer IZM), Dr. C. Liu (Hitachi Energy)
1 - 2 Dec. 2022	Barcelona, Spain	ECPE Tutorial	<b>GaN-based Power Electronics</b>   Technical Chair: Dr. J. Sonsky (Innoscence)
13 - 14 Dec. 2022	Berlin, Germany	ECPE Tutorial	<b>Reliability of Power Electronics - Part I: Fundamentals and Converter Reliability</b> Technical Chair: O. Wittler (Fraunhofer IZM), Prof. F. Blaabjerg (Aalborg University)
Feb. 2023	TBD	ECPE Workshop	<b>DC Grids for Industry and Office</b> Technical Chair: Prof. H. Borchering (TH Ostwestfalen-Lippe), Prof. M. März (FhG IISB)
9 - 10 Feb. 2023	Lyon, France	ECPE Tutorial	<b>Passives in Power Electronics: Magnetic Component Design and Simulation</b> Technical Chair: Prof. G. Hurley (Nat. Univ. of Ireland), Prof. Z. Ouyang (TU Denmark)
15 - 16 Feb. 2023	Aalborg, Denmark	ECPE Tutorial	<b>Reliability of Power Electronics - Part II: Robustness and System Reliability</b> Technical Chair: Prof F. Blaabjerg (Aalborg University), O. Wittler (Fraunhofer IZM)
28 Feb. - 1 March 2023	TBD, Italy	ECPE Tutorial	<b>Gate Drivers and Control Circuitry for IGBTs and MOSFETs</b> Technical Chair: Prof. M. Pfof (TU Dortmund)
22 - 23 March 2023	Reutlingen, Germany	ECPE/Cluster Tutorial	<b>Testing and Electrical Characterization of Power Semiconductor Devices</b> Course Instructor: Prof. I. Kallfass (University of Stuttgart)
28 - 29 March 2023	Erding / Munich, Germany	ECPE Workshop & ECPE Annual Event	<b>ECPE SiC &amp; GaN User Forum – Potential of Wide Bandgap Semiconductors in Power Electronic Applications</b>   Technical Chair: Prof. A. Lindemann (Univ. of Magdeburg), Prof. L. Lorenz (ECPE), Dr. P. Friedrichs (Infineon Technologies)
Q1 / 2023	Eindhoven, Netherlands	ECPE Tutorial	<b>High-Performance Power Electronics</b> Technical Chair: Dr. B. Vermulst (Eindhoven University of Technology)
Q 1 / 2023	TBD	ECPE Tutorial	<b>Isolation Coordination</b>   Technical Chair: Dr. I. Colak (Schneider Electric)
19 - 20 April 2023	Cambridge, United Kingdom	ECPE Tutorial	<b>EMC in Power Electronics</b> Technical Chair: Prof. E. Hoene (Fraunhofer IZM), Prof. J.-L. Schanen (G2ELab)
9 - 11 May 2023	Nuremberg, Germany	Conference & Exhibition	<b>PCIM Europe 2023</b> <b>ECPE Joint Stand with Students Day</b>
23 - 24 May 2023	Munich, Germany	ECPE/Cluster Tutorial	<b>Power Electronics Packaging</b> Technical Chair: Prof. U. Scheuermann (Semikron)
May 2023	Gaeta, Italy	Recruitment Event with Industry Day	<b>23<sup>rd</sup> European PhD School on 'Power Electronics, Electrical Machines, Energy Control and Power Systems'</b>   Chairman: Prof. G. Tomasso (University of Cassino)
20 - 21 June 2023	Nuremberg, Germany	ECPE/Cluster Tutorial	<b>Thermal Engineering of Power Electronic Systems - Part I (thermal design and verification)</b>   Technical Chair: Prof. U. Scheuermann (Semikron)
22 - 23 June 2023	Berlin, Germany	ECPE Lab Course	<b>EMC Optimised Design (Parasitics in Power Electronics)</b> Course Instructor: Prof. E. Hoene (Fraunhofer IZM)
27 - 28 June 2023	Düsseldorf, Germany	ECPE/Cluster Tutorial	<b>Power Semiconductor Devices &amp; Technologies</b> Technical Chair: Dr. A. Mauder (Infineon), Prof. N. Kaminski (Univ. of Bremen)
Q2 / 2023	TBD	ECPE Workshop	<b>Energy Storage and Battery Management Systems</b>
6 - 7 July 2023	TBD, Spain	ECPE Tutorial	<b>Model Predictive Control for Power Electronics, Drives and Power Grid Applications</b> Technical Chair: Prof. R. Kennel (TU München), Dr. T. Geyer (ABB)
4 - 8 Sept. 2023	Aalborg, Denmark	Conference	<b>EPE'23 ECCE Europe – 25<sup>th</sup> European Conference on Power Electronics and Applications</b>
14 Sept. 2023	Nuremberg, Germany	ECPE/Cluster Tutorial	<b>Use and Assessment of Power Device Models in Power Electronics Simulation</b> Technical Chair: Dr. P. Türkes (Consultant Compact Power Devices Models)
19 - 20 Sept. 2023	Vienna, Austria	ECPE Tutorial	<b>Digital Control   Modelling and Feedback Design in State-Space</b> Course Instructor: B. Stickan (Fraunhofer ISE)
26 - 27 Sept. 2023	Strasbourg, France	ECPE Tutorial	<b>Wide Bandgap User Training</b> Technical Chair: Prof. E. Hoene (Fraunhofer IZM)
Sept./Oct. 2023	TBD, France	Conference	<b>ESREF 2022 – 34th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis</b>
25 - 26 Oct. 2023	Nuremberg, Germany	ECPE/Cluster-Tutorial	<b>Thermal Engineering of Power Electronic Systems - Part II (thermal management and reliability)</b>   Technical Chair: Prof. U. Scheuermann (Semikron)
15 - 16 Nov. 2023	Vienna, Austria	ECPE Tutorial	<b>Power Circuits for Clean Switching and Low Losses</b> Technical Chair: Dr. R. Bayerer (Physics of Power Electronics)
Q 4 / 2023	Digital Event	ECPE Tutorial	<b>Testing Automotive Power Modules acc. to the ECPE Guideline AQG 324</b> Technical Chair: Dr. M. Rittner (Robert Bosch)
Q 4 / 2023	TBD	ECPE Tutorial	<b>High-Performance Power Electronics</b> Technical Chair: Dr. B. Vermulst (Eindhoven University of Technology)
Q 4 / 2023	Digital Event	ECPE Tutorial	<b>GaN-based Power Electronics</b>   Technical Chair: Dr. J. Sonsky (Innoscence)
Q 4 / 2023	Berlin, Germany	ECPE Tutorial	<b>Reliability of Power Electronics - Part I: Fundamentals and Converter Reliability</b> Technical Chair: O. Wittler (Fraunhofer IZM), Prof. F. Blaabjerg (Aalborg University)
Q 4 / 2023	TBD	ECPE Workshop	<b>Electrical Testing of Power Electronics Converter and Drives Systems (Real-Time Simulation, PHIL)</b>

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