

## Newsletter contents

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Tariffs: Europe/International

Regular Membership	EUR 148.10 per year (incl. 21.00 % VAT)
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## EPE 2018 ECCE Europe, RIGA, LATVIA, 17 to 21 September 2018



### LIST OF TUTORIALS ORGANISED ON MONDAY 17 SEPTEMBER 2018

Tutorial Number	Tutorial Title	Tutorial Authors	Timing
T1	Designing with SiC & GaN Devices With Emphasis on EMC & Safety Considerations	Dr. Supratim Basu, Prof. Tore Undeland & Prof. Jorma Kyyrä	Full Day
T2	Fast Charging Ready? Infrastructure, Topologies and Key Enabling Components	Prof. R. W. De Doncker, Prof. D. U. Sauer, RWTH-ISEA and E.ON ERC	Full Day
T3	Control for Grid-Friendly Power Converter Systems	Frede Blaabjerg, Yonheng Yang, Aalborg University, Denmark; Yi Tang, Nanyang Technological University, Singapore	Afternoon
T4	Stability Analysis and Damping of Grid-Converter Interactions	Lennart Harnefors, ABB Corporate Research, Västerås, Sweden; Xiongfei Wang, Aalborg University, Denmark; Mats Larsson, ABB Corporate Research, Baden, Switzerland	Full Day

T5	Reliability of PV systems - from basic theory to practical experiences	Frede Blaabjerg, Denmark; Boris Dumnic, Dragan Milicevic, Vladimir Katic, Bane Popadic University of Novi Sad, Faculty of Technical Sciences, Novi Sad, Serbia	Full Day
T6	Modular Multilevel Converters – MMC: Principles, Design, Control, Modelling and HVDC Applications	Kamran Sharifabadi- Technology Advisor: Power Grid & Regulatory Affairs – Statoil, Norway, Staffan Norrga, Hans-Peter Nee, KTH, Lennart Harnefors – Professor, ABB Corporate Research, Västerås and KTH, Sweden, Remus Teodorescu - Professor, Department of Energy Technology, Aalborg University, Denmark	Full Day
T7	Capacitors in Power Electronics Applications – Passive and Active Capacitive DC Links	Huai Wang, Haoran Wang, Center of Reliable Power Electronics (CORPE), Aalborg University, Denmark	Morning
T8	Thermal and Reliability Modelling of Power Electronics Systems	Amir Sajjad, Francesco Iannuzzo, Aalborg University, Denmark	Morning
T9	Permanent Magnet Machine Design and Applications	Prof. Bulent Sarioglu, PhD, University of Wisconsin-Madison	Afternoon

All currently available information: <http://www.epe2018.com/>

#### EPE'18 ECCE Europe Exhibition:

Companies or organizations are welcome to sponsor the conference according to our sponsorship packages.

Modular booths or spaces of 6 m<sup>2</sup>, 9 m<sup>2</sup>, 12 m<sup>2</sup>, 18 m<sup>2</sup> or 24 m<sup>2</sup> are available for rent.

Please follow this link to read about our Sponsorship & Exhibition Opportunities:

<http://www.epe2018.com/sponsorship-opportunities/>

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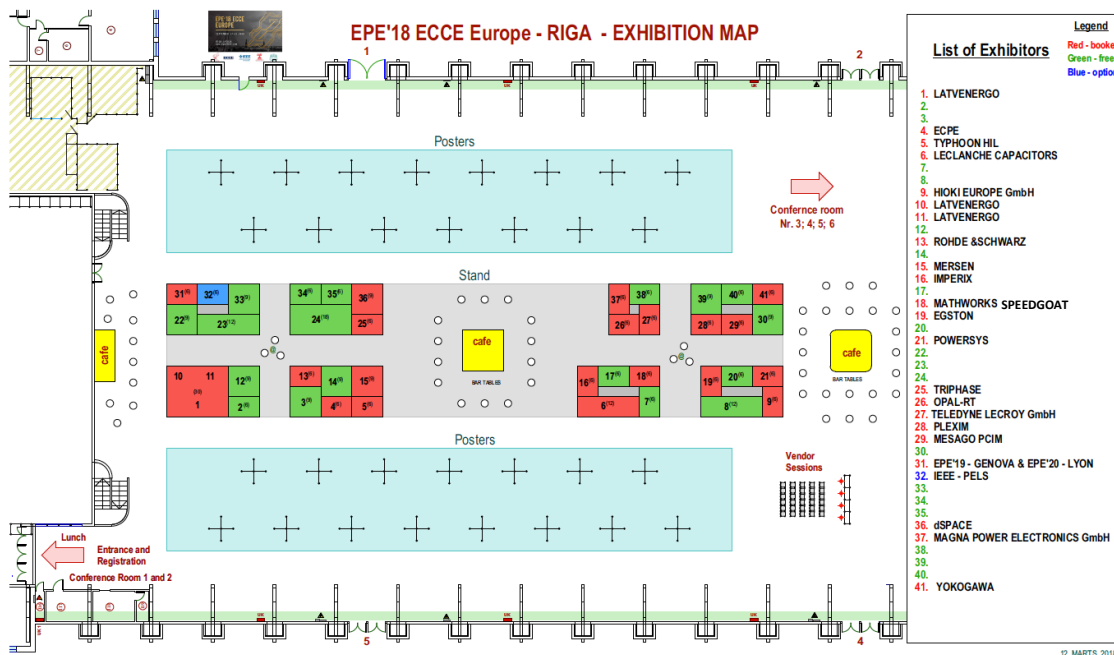
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Contact for the Exhibition: [bsnevers@vub.ac.be](mailto:bsnevers@vub.ac.be)



## ECPE: Calendar of Events 2018

Date	Location	Event	Topic
20 - 22 March 2018	Stuttgart, Germany	in conjunction with the ECPE Annual Event 2018	<a href="#">CIPS 2018 - International Conference on Integrated Power Electronics</a>
16-17 April 2018	Berlin, Germany	ECPE Lab Course	<a href="#">ECPE Lab Course 'EMC Optimised Design (Parasitics in Power Electronics)'</a> Course Instructor: Prof. E. Hoene (Fraunhofer IZM) (Fully booked)
17-18 April 2018	Aachen, Germany	ECPE Workshop	<a href="#">ECPE Workshop 'DC Grids, Technologies and Applications'</a> Chairmen: Prof. R. de Doncker (RWTH Aachen University), Dr. P. Steimer (ABB Switzerland), Dr. A. Rojko (ECPE)
14-15 May 2018	Vienna, Austria	ECPE Tutorial	<a href="#">ECPE Tutorial 'EMC in Power Electronics'</a> Chairmen: Prof. E. Hoene (Fraunhofer IZM), Prof. J.-L. Schanen (INPG-LEG-ENSIEG - G2ELab) (Fully booked)
9 - 20 June 2018	Husum, Germany	ECPE Workshop	<a href="#">ECPE Workshop 'Power Electronics for Grid Integration of Wind Energy'</a> Chairmen: Prof. M. Liserre (CAU Kiel), Prof. F. Blaabjerg (Aalborg University)
27-28 June 2018	Aalborg, Denmark	ECPE Tutorial	<a href="#">ECPE Tutorial 'Power Electronics Packaging'</a> Chairmen: Prof. U. Scheuermann (Semikron), Dr. J. Popovic-Gerber (TU Delft)
2-3 July 2018	Frankfurt, Germany	ECPE Tutorial	<a href="#">ECPE Tutorial 'Model Predictive Control for Power Electronics, Drives and Power Grid Applications'</a> Chairman: Prof. R. Kennel (TU Munich)

For the information about ECPE Workshops and Tutorials please visit the ECPE website [www.ecpe.org](http://www.ecpe.org)

## Future EPE ECCE Europe and Technically Sponsored Conferences

### **2018:**

- IPEC 2018 ECCE Asia – 20-24 May 2018, Niigata, Japan:  
<http://www.ipec2018.org/>
- Field-Based Insights into the Implementation of Renewable Energies – 12-17 August 2018, Mont-Soleil, Saint-Imier, Switzerland:  
<http://www.societe-mont-soleil.ch>
- IEEE-PEMC - 26-30 August 2018, Budapest, Hungary:  
<http://www.ieee-pemc2018.org/>
- EPE 2018 ECCE Europe, 17 – 21 September 2018, Riga, Latvia:  
<http://www.epe2018.com>
- 2018 IEEE Energy Conversion Congress and Exposition (ECCE) – 23-27 September 2018, Portland, USA  
<http://www.ieee-ecce.org/2018/>
- 29<sup>th</sup> European Symposium on Reliability of Electron Devices, Failure Physics and Analysis, ESREF 2018, Aalborg, Denmark - October 1-5, 2018  
<http://www.esref2018conf.org/>

## **2019:**

- ICPE 2019 – ECCE Asia, 27-31 May 2019 Busan, Korea (South)

Information: <http://www.icpe2019.org/>

- LDIA 2019, 1-3 July 2019 at MICROCITY EPFL Neuchatel, Switzerland

Information: <https://ldia2019.epfl.ch/>

- EPE 2019 ECCE EUROPE, 2 - 6 September 2019, Genova, Italy

Information: [www.epe2019.com](http://www.epe2019.com)

## **2020:**

- EPE 2020 ECCE EUROPE, 7-11 September 2020, Lyon, France

## **2021:**

- EPE 2021 ECCE EUROPE, 6-10 September 2021, Ghent, Belgium

## **2022:**

- EPE 2022 ECCE EUROPE, 5-9 September 2022, Hanover, Germany