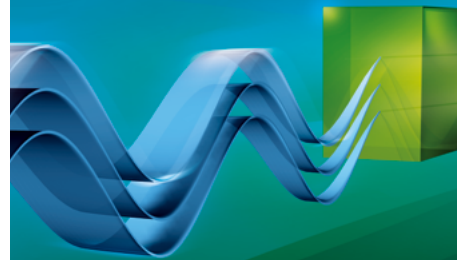


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What attendees say

»Very good forum to keep abreast of technological developments and exchange views with others in the same and diverse engineering fields.«

Steve Jones, R&D Technology Manager, DYNEX Semiconductor Ltd, United Kingdom

»PCIM is an excellent event to interchange technical information, find partners to develop your projects and socialize with colleagues.«

Francisco Javier Azcondo, Professor, University of Cantabria, Spain

»PCIM is a good possibility to inform about the actual state of the art of power electronics and possibilities to use them in an optimal configuration.«

Hans Krischer, Concept Engineer, Bombardier Transportation, Germany

»Coming to PCIM this year allowed me to keep in touch with the present know how in power electronics and to share my experience with peers.«

Gilles Lanfranchi, Senior Designer, Adetel, France

»Thanks for making this kind of outstanding chance to look at the latest technology and information. It was a really good chance to be close to that kind of things.«

Choonbae Park, Reliability Engineer, Fairchild Semiconductor, South Korea

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Seminars

Sunday, 8 May 2016 from 14.00 – 17.30 hrs

Basics of Electromagnetic Compatibility (EMC) of Power Systems

Jacques Laeuffer, Dtalents, France

Design Approaches to SMPS Ripple Reduction

Bruce Carsten, Bruce Carsten Associates, USA

High-performance Control Techniques for DC-DC Converters

Richard Redl, Redl Consulting, Switzerland

Modern Soft Switching Technologies – Do GaNs Need Soft Switching?

Ionel Dan Jitaru, Rompower, USA

Fundamentals of Power in the Data Center

Brian Zahnteicher, PowerRox, USA

Get the most out of GaN – Design Strategies for Highly Dense and Efficient Power Supplies

Eric Persson, Infineon, USA

Design of Magnetic Components for High Power Converters

Tomás Pagá, Enerdrive, Switzerland

Registration information and full program with all lectures, posters and speakers on pcim-europe.com/program

Tutorials

Monday, 9 May 2016 from 9.00 – 17.00 hrs

Exceeding 99% Efficiency for PFC and Isolated DC-DC Converters. GANs versus Silicon

Ionel Dan Jitaru, Rompower, USA

New Developments in Power-Factor Correction

Richard Redl, Redl Consulting, Switzerland

Electromagnetic Design of High Frequency Converters and Drives

Jacques Laeuffer, Dtalents, France

High Performance Control of Power Converters

Christian Peter Dick, Jens Onno Krahn, Cologne University of Applied Sciences, Germany

Advanced Design with MOSFET and IGBT Power Modules

Tobias Reimann, ISLE Steuerungstechnik und Leistungselektronik Germany; Thomas Basler, Infineon Technologies, Germany

SMPS Topology Selection and Circuit Design Tricks

Bruce Carsten, Bruce Carsten Associates, USA

Reliability of IGBT Power Modules

Josef Lutz, Chemnitz University of Technology, Germany

IGBT Gate Drive Technologies

Reinhard Herzer, Arendt Wintrich, Semikron Elektronik, Germany

Design Challenges for High Frequency Magnetic Circuit Design for Power Conversion

William Gerard Hurley, Werner Hugo Wölfle, National University of Ireland, Ireland

Reliability Engineering in Power Electronics – from Components to Systems

Frede Blaabjerg, Francesco Iannuzzo, Huai Wang, Aalborg University, Denmark

Conference

Tuesday, 10 May 2016

Conference Opening and Award Ceremony

KEYNOTE »Welcome to the Post-Silicon World: Wide Band Gap Powers Ahead«

Coffee Break

SiC Devices	Module Materials	Magnetics & Inductors	DC/AC and AC/DC Converters	SPECIAL SESSION Passive Components
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Lunch Break

SiC Reliability	DC/DC Converters I	Control Converters	Control Techniques in Intelligent Motion Systems I	DC/AC Converters
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Poster/Dialogue Session

Exhibition Party

Wednesday, 11 May 2016

KEYNOTE »Smart Transformers – Concepts/Challenges/Applications«

Coffee Break

GaN Converters	Module Design	Power Electronics in Transmission Systems in Smart Grids	SPECIAL SESSION E-Mobility	High Power Semiconductor
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Lunch Break

Multi Level Converters	DC/DC Converters II	Lamp Ballasts Lighting Systems	Sensorless Motor Control	Software Tools and Applications
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Poster/Dialogue Session (15:30 hrs – 17:30 hrs)

PANEL DISCUSSION The Smart Future of Power Electronics (16:30 hrs – 18:30 hrs)

Thursday, 12 May 2016

KEYNOTE »Trends of Solar System Integration Electricity Networks«

Coffee Break

Cosmic Ray & Ruggedness	SPECIAL SESSION Smart Lighting	New and Renewable Energy Systems	Power Electronics in Automotive
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Lunch Break

Module Technology	Drive Strategies in Power Converters	Energy Storage	Control Techniques in Intelligent Motion Systems II
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