

## Conference PCIM Europe 2022

# Papers and poster sessions PCIM 2022

### Poster/dialogue sessions

Date	Time	Place/session	Title	Authors
Tue 10 May	15:05	Foyer Entrance, NCC Mitte Advanced Si Devices	A New Platform for High Power Phase Controlled Thyristors (PCT) and Rectifier Diodes (PP023)	Nino Degiampietro, Chiara Corvasce, Christian Winter, Hitachi Energy, CH; Zuzana Ptáková, Hitachi Energy, CZ
Tue 10 May	15:05	Foyer Entrance, NCC Mitte Advanced Si Devices	10 kV Reverse-Conducting Integrated Gate-Commutated Thyristors for HVDC Power Transmission (PP025)	Davin Guedon, Philippe Ladoux, University of Toulouse, F; Umamaheswara Reddy Vemulapati, Thomas Stiasny, Christian Winter, Hitachi Energy, CH; Sebastien Sanchez, Icam, F; Sebastien Cornet, EDF, F
Tue 10 May	15:05	Foyer Entrance, NCC Mitte Packaging I	HV LinPak, High Voltage Half Bridge IGBT Power Module with Balanced Switching Behavior for Easy Paralleling (PP038)	Roman Ehrbar, Andreas Rösch, Gontran Pâques, Nicolò Oliva, Wolfgang Amadeus Vitale, Andreas Baschnagel, Vinoth Sundaramoorthy, Fabian Fischer, Virgiliu Botan, Hitachi energy, CH; Giovanni Antonio Salvatore, University of Venice, I
Tue 10 May	15:05	Foyer Entrance, NCC Mitte SiC Devices	1.2 kV Trench IGBT with SiC JBS Diode for High Frequency Switching Applications (PP043)	Nick Schneider, Elizabeth Buitrago, Yulieth Arango, Nicolò Oliva, Toni Ruiz, Luca De Michielis, Lars Knoll, Gontran Pâques, Hitachi Energy, CH

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Date	Time	Place/session	Title	Authors
Tue 10 May	14:00	Room Brüssel 2 High Voltage Si Devices	A 4.5kV RC-IGCT with Diode Segmentation for MMC Inverters	Tobias Wikström, Umamaheswara Reddy Vemulapati, Bjoern Oedegard, Hitachi Energy, CH
Tue 10 May	14:20	Room München 2 Advanced IGBTs	Next Generation LV Trench IGBT Design Featuring Plasma-Flow Control for Improved Switching Losses and Turn-on dV/dt Controllability	Gaurav Gupta, Elizabeth Buitrago, Nick Schneider, Wolfgang Vitale, Luca De Michielis, Hitachi Energy, CH
Tue 10 May	14:40	Room München 2 Advanced IGBTs	Next Generation 1.7 kV Chipset: Fine-Pattern Trench IGBT and Ultra-Thin FSA Diode for Traction Applications	Wolfgang Amadeus Vitale, Gontran Pâques, Boni Boksteen, Gaurav Gupta, Antoni Ruiz, Nicolò Oliva, Luca De Michielis, Elizabeth Buitrago, Hitachi Energy, CH
Thr 12 May	10:30	Room Brüssel 1 SiC Devices	Dynamic Characteristics and SOA of the RoadPak SiC Module at Multiple Operating Conditions	Athanasios Mesemanolis, Tobias Keller, Milad Maleki, Hitachi Energy, CH
Thr 12 May	11:10	Room München 1 Reliability	On Superior Power Cycling capability of a High Power Density SiC Power Module for eMobility Application	Biwei Zhang, Antoni Ruiz, Milad Maleki, Hitachi Energy, CH

### Exhibitor Forum

Date	Time	Place/session	Title	Authors
Wed 11 May	14:50	Hall 9/ booth 551	Innovative, Efficient and Powerful Semiconductors for Your Application	Tobias Keller, Hitachi Energy, CH

### e-Mobility Forum

Date	Time	Place/session	Title	Authors
Tue 10 May	10:55	Hall 6, booth 224	RoadPak e-Mobility Platform - Highest Reliability with a Robust Supply Chain	Tobias Keller, Hitachi Energy, CH
Wed 11 May	11:20	Hall 6, booth 224	RoadPak e-Mobility Platform - Highest Reliability with a Robust Supply Chain	Tobias Keller, Hitachi Energy, CH