

# Workshop SCAPE 2019

13-14 May 2019, Radisson Blu Royal Park Hotell



## Monday 13 May

08:30 - 09:00 Registration & coffee

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09:00 Welcome  
Mietek Bakowski, RISE

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### Strategic Initiatives

09:10 Peter Rechberger, ECPE  
ECPE WBG Roadmap - lead applications for SiC and GaN

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09:30 Peter Bennich, Energy Agency  
Presentation of PECTA - speeding-up effectivisation of energy conversion

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09:50 Alastair McGibbon, UK Catapult programme  
Supporting industrial R&D in wide bandgap power electronics applications

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10:10 - 10:50 Coffee & Exhibition

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### Key Note

10:50 Enrico Zanoni, University of Padova  
Recent advancements in the technology and reliability of power Gallium Nitride devices for switching applications

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### SiC & GaN Devices

11:20 John Palmour, Wolfspeed  
TBD

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11:40 Ignacio Lizama, ROHM Semiconductor  
TBD

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12:00 TBD, ST Microelectronics  
TBD

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12:20 - 14:00 Lunch & Exhibition

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14:00 Martin Domeij, On Semiconductor  
Rugged 1200 V SiC MOSFETs for automotive applications

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14:20 TBD, United SiC  
TBD

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14:40 - 15:00 Coffee & Exhibition

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15:00 Juan Colmenares, Infineon Technologies  
Silicon Carbide CoolSiC™ semiconductor products - revolution to rely on

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### Applications

15:20 Eugen Wiesner, Mitsubishi Electric  
SiC Power Modules and their applications

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15:40 Nicola Mingirulli, Robert Bosch  
SiC in Automotive Drivetrain Application

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16:00 Martin Lindahl, Bombardier Transportation Sweden  
Investigation of Overvoltage On Motor Terminal Due to Fast Switching with Silicon Carbide

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16:20 Thord Nilson, Inmotion Technologies  
Evaluation of performance of WBG (and Si) components for inverter applications

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# Wokshop SCAPE 2019

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## Monday 13 May (cont.)

16:40	Kenneth Andersson, QRTECH <i>5kW PFC Vienna rectifier for Airborne Equipment</i>
17:00	Stefan Lidström, Comsys <i>WBG components is not the "simple solution" - a good system design is equally important</i>
17:20	TBD
17:40 - 19:30	Mingle
19:30	Dinner