

Day 1 - Tuesday 8th April 2025

Next-Generation Semiconductor Materials: Beyond SiC and GaN

- 08:00 Registration and welcome refreshments
- 08:50 Housekeeping by Conference Chair
- 09:00 **Presentation by Bristol University**
Presented by Martin Kuball - University of Bristol
- 09:20 **Presentation by University Freiburg**
Presented by Ali Yassine - University Freiburg
- 09:40 **Presentation Title to be Confirmed**
- 10:00 **Presentation Title to be Confirmed**
- 10:20 Morning Break
- 11:00 **Presentation Title to be Confirmed**
- 11:20 **Presentation Title to be Confirmed**
- 11:40 **Presentation Title to be Confirmed**

Sustainable Power Conversion Technologies: Eco-Friendly Solutions

- 12:00 **Power Semiconductors – The Silent Heroes in the Transition of the Power Grid**
Presented by Tobias Keller - Hitachi Energy
- 12:20 **Presentation by Infineon**
Presented by Peter Friedrichs - Infineon
- 12:40 **Presentation by Innoscience**
Presented by Denis Marcon - Innoscience Europe BV
- 13:00 Lunch Break
- 14:30 **Presentation Title to be Confirmed**
- 14:50 **Presentation Title to be Confirmed**
- 15:10 **Presentation Title to be Confirmed**
- 15:30 **Presentation Title to be Confirmed**
- 15:50 Afternoon Break

Smart Grid Integration: Enhancing Resilience and Flexibility

- 16:30 **Presentation Title to be Confirmed**
- 16:50 **Presentation Title to be Confirmed**
- 17:10 **Presentation Title to be Confirmed**
- 17:30 Closing Remarks
- 18:00 Networking Drinks / Dinner Reception

Day 2 - Wednesday 9th April 2025

08:00 Registration and welcome refreshments

08:50 Housekeeping by Conference Chair

Power Electronics for Electric Mobility: Accelerating Electrification

09:00 **Presentation 2 by Omdia**
Presented by Callum Middleton - Omdia

09:20 **Presentation by Yole Group**
Presented by Name to be advised - Yole Group

09:40 **Silicon Carbide: The Game Changer in Power Electronics for Sustainable Electric Mobility**
Presented by Simone Rascunà - ST Microelectronics

10:00 **Presentation by MinDCet**
Presented by Jef Thone - MinDCet

10:20 Morning Break

Artificial Intelligence in Power Electronics: Optimizing Performance

11:00 **Presentation by Aalborg University**
Presented by Shuai Zhao - Aalborg University

11:20 **How AI-algorithms and AI-hardware Accelerate the Design Process in Power Electronics**
Presented by Name to be advised - Fraunhofer IISB

11:40 **Presentation by KU Leuven**
Presented by Wilmar Martinez - KU Leuven

12:00 **Presentation 1 by Omdia**
Presented by Callum Middleton - Omdia

12:20 **A Pioneer AI-improved Control Scheme for Soft Switching High Power Converters**
Presented by Fabrizio Di Franco - ST Microelectronics

12:40 **Navitas GaN and SiC Technologies to Enable Next-Gen AI Power Delivery**
Presented by Llewellyn Vaughan-Edmunds - Navitas

13:00 Lunch Break

Energy Harvesting and Wireless Power Transfer: Enabling Autonomous Systems

14:30 **Presentation Title to be Confirmed**

14:50 **Presentation Title to be Confirmed**

15:10 **Presentation Title to be Confirmed**

15:30 **Closing Remarks**

