

Day 1 - Monday 20th April 2026

11:00 AngelTech Innovate Summit - Limited places! Requires separate registration: <https://www.angeltech-innovate.net/register>

18:00 Pre-conference Networking Drinks / Dinner Reception (available to those who have registered for 21st & 22nd April for AngelTech Conference)

Day 2 - Tuesday 21st April 2026

08:00 Registration and welcome refreshments

08:50 Housekeeping by Conference Chair

Putting the Automotive Industry in Pole Position

09:00 EV Inverter Drives above 100 kW Are Expected to Transition to GaN. Where Does the Roadmap End?
Presented by Daniel Murphy - Cambridge GaN Devices

09:20 Accelerating the Development of Next-Generation Silicon Carbide (SiC) Traction Inverters for Electric Mobility Applications
Presented by Pierre Delatte - CISOID

09:40 Powering the Future: How Semiconductor Innovation is Driving the Software-defined Vehicle Era
Presented by Téa Williams - GlobalFoundries

10:00 Scalable Traction Inverter Designs for LEVs (Two-/Three-Wheelers, Micro E-Utility ⚡)
Presented by Philipp Mai - Arrow Electronics

10:20 Morning Break and Networking

10:50 Zonal Architectures and 48V Board Networks Are Transforming Automotive Design: What This Means for Power Semiconductors
Presented by Christoph Stangl - Allegro MicroSystems

11:10 Next Generation of Power Electronic Systems: Driving Efficiency through System Optimization
Presented by Dr. Stefan Hain - onsemi

11:30 High Volume Sintering of Molded Power Packages on Water Coolers for BEV Applications
Presented by Thomas Krebs - PINK GmbH Thermosysteme

11:50 Designing 48V architectures for next-generation electric vehicles
Presented by Donovan Porter - Texas Instruments

12:10 Lunch Break and Networking

Engineering Innovation with WBG Devices, Circuits and Materials

13:40 High-Frequency GaN Power Conversion: Supercharging AI Data-Centre Density
Presented by Matteo Uccelli - Navitas

14:00 The Value of GaN BDS in Next-Generation Power Electronics
Presented by Marco Ruggeri - Renesas

14:20 Breaking the 1MHz Barrier: System-Level Benefits of Ultra High Frequency GaN Motor Drives
Presented by James Cannings - QPT

14:40 A Cost-effective Solution for WBG Testing Challenges
Presented by Giacomo Tonti - Advantest

15:00 800V Automotive DC Bus Domain: Evolving Requirements for Semiconductor Voltage Robustness
Presented by Manuel Gäßtner - STMicroelectronics

15:20 Afternoon Break and Networking

15:50 (Ultra)widening the Gap: The applications carved by SiC and GaN, and how UWBG materials could disrupt this space.
Presented by Matthew Fall - IDTechEx

16:10 Precision Current Measurement Techniques Using Special Shunts and Voltage Probes
Presented by Andrea Vinci - Tektronix

16:30 Advancing SiC Substrate and Epitaxial Technologies for Next-Generation Power Devices
Presented by Rajan Rengarajan - Coherent

16:50 Innovations in Dynamic Switch Power Testing
Presented by Robert Pulman - ipTEST

17:10 Closing Remarks

18:00 Networking Drinks / Dinner Reception

Day 3 - Wednesday 22nd April 2026

08:00 Registration and welcome refreshments

08:50 Housekeeping by Conference Chair

Delivering AI-driven Data Centre Densification

Sponsored by Yole Group

09:00 An Innovative AI-Enhanced Control Strategy for Soft-Switching High-Power Converters
Presented by Fabrizio Di Franco - STMicroelectronics

09:20 Data Center Power Train: Emerging Solutions for Uncertain Market!
Presented by Hassan Cheaito - Yole Group

09:40 High-Frequency GaN Power Conversion: Supercharging AI Data-Centre Density
Presented by Matteo Uccelli - Navitas

10:00 Renesas System Solutions from Grid to Core in AI-Datacenter
Presented by Marco Ruggeri - Renesas

10:20 Morning Break and Networking

11:00 Power Semiconductor Solutions for 800V Datacentre Architectures
Presented by Dr. Christian Felgemacher - ROHM Semiconductor Europe

11:20 Collaborating to Advance Integrated Voltage Regulation for AI and Cloud Infrastructure
Presented by Noah Sturcken - Ferric

11:40 Presentation by Wired and Wireless Technologies (WAWT)
Presented by Dinesh Kithany - Wired & Wireless Technologies (WAWT)

12:00 Vertical Power Delivery with Current Multiplication
Presented by Maury Wood - Vicor

12:20 The Power to Compute: Enabling AI Data Centers from Grid Connection to Processor Core
Presented by Aleksei Cherkasov - Infineon

12:40 Lunch Break and Networking

14:10 Presentation by imec
Presented by Dr. Wenzhe Guo - imec

Ensuring a Renewable, Sustainable Future

14:30 Power Semiconductors for the Future Power Grid
Presented by Tobias Keller - Hitachi Energy

14:50 Diamond Power Electronics: Beyond Ultra-high Voltage
Presented by Ivan Llaurado - DIAMFAB

15:10 Further presentations to follow

16:10 Closing Remarks



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