

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 - CISSOID

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 Gärtner - 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



NOTES

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.