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

10:00   Powering the Future: How Semiconductor Innovation is Driving the Software-defined Vehicle Era
Presented by Téa Williams - GlobalFoundries

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. Fabian Hohmann (Replacement Speaker) - Onsemi

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

11:50   Understanding the Transition from 12V to 48V Low Voltage Power Net
Presented by Donovan Porter - Texas Instruments

12:10   Lunch Break and Networking

Engineering Innovation with WBG Devices, Circuits and Materials

13:40   Redefining Data Center Power: GaN and SiC Technologies for Next-Gen 800 VDC Infrastructure
Presented by Matteo Uccelli - Navitas

14:00   Precision Current Measurement Techniques Using Special Shunts and Voltage Probes
Presented by Sahil Kacharekar - Tektronix

14:20   Innovations in Dynamic Switch Power Testing
Presented by Robert Pulman - COSMIC

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

16:10   Breaking the 1MHz Barrier: System-Level Benefits of Ultra High Frequency GaN Motor Drives
Presented by James Cannings - QPT

16:30   (Ultra)widening the Gap: The applications carved by SiC and GaN, and how UWBG materials could disrupt this space.
Presented by Matthew Fall - IDTechEx

16:50   Advancing SiC Substrate and Epitaxial Technologies for Next-Generation Power Devices
Presented by Rajan Rengarajan - Coherent

17:10   Closing Remarks

18:00   Networking Drinks and Dinner Reception (concludes around 20:00)

18:30   AngelTech Rump Session - Bottlenecks & Battlegrounds: The Future of the AI Chip Ecosystem
Presented by David Cheskis - Square Zero Technologies, and Diana Khlan - Chips Weekly

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   **Intelligent Power Semiconductor Computing**
Presented by Danilo Pau - 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   **Vertical Power Delivery with Current Multiplication**
Presented by Maury Wood - Vicor

12:00   Lunch Break and Networking

13:30   **The Power to Compute: Enabling AI Data Centers from Grid Connection to Processor Core**
Presented by Aleksei Cherkasov - Infineon

13:50   **Introducing imec.kelis: A Datacenter Performance Model for AI Densification**
Presented by Dr. Wenzhe Guo - imec

Ensuring a Renewable, Sustainable Future

14:10   **Power Semiconductors for the Future Power Grid**
Presented by Tobias Keller - Hitachi Energy

14:30   **Diamond Power Electronics: Beyond Ultra-high Voltage**
Presented by Ivan Llaurado - DIAMFAB

14:50   **Closing Remarks**

NOTES