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 Chris Meadows and Tim Bettles - Conference Chairs

Growing Revenues in GaN Power Electronics

09:00	Radiation Hardened High Voltage GaN Technology to Enable a Permanent Human Presence on the Moon and Beyond *Presented by Antxon Arrizabalaga - Semi Zabala*
09:15	Advancing GaN Power Technologies: Scaling to 300 mm for the AI Era *Presented by Pierre Gassot - imec*
09:30	Analytical X-Ray Solutions for Thin Film and Wafer Analysis *Presented by Andrey Zameshin - Malvern Panalytical*
09:45	Leading Epitaxy Solutions for High Volume Manufacturing of Compound Semiconductor & Optoelectronic Devices *Presented by Dr. Nicolas Muesgens - Aixtron*
10:00	D3GaN Power Modules for Automotive Inverters Achieving 99.7% WLTP Efficiency *Presented by Dieter Liesabeths - VisIC Technologies*
10:15	GaN Comes of Age: From Fast Chargers to Strategic Power Platforms *Presented by Roy Dagher - Yole Group*
10:30	Morning Break - Refreshments & Networking
11:00	Improving GaN with a Dash of Oxygen *Presented by Robert Mears - Atomera*
11:15	Chemical Vapor Deposition of Nitrides by Carbon-free Precursors *Presented by Stefano Leone - Fraunhofer Institute IAF*
11:30	Revelios: Semi-Automated, Non-Destructive Crystalline Defect Metrology for GaN-Based Epitaxial Layers *Presented by Martin ?alkovsky - Thermofisher*
11:45	Tunable Epi System for RF GaN HEMT *Presented by Ray (Dongsik) Suh - TES Co. Ltd*
12:00	High Performance GaN Power Devices Enabled by Wafer Bonding *Presented by Elisabeth Brandl - EV Group*
12:15	Accelerating GaN Process Development through Modeling: from Recipe to Device Characteristics *Presented by Andrey Smirnov - STR*
12:30	WiseGan Gen2: Integrated GaN SiP Unlocking New Power Architectures with Digital Control *Presented by Ridha Hamza - Wise Integration*
12:45	Lunch Break & Networking
14:15	Startup Elevator Presentations

Revitalising the SiC industry

14:25	Quantifying What Matters in SiC Fabs: Inline TXRF, HRXRD, and XRR for Yield Control *Presented by Frank Hofmann - Rigaku*
14:40	Further Growth Opportunities for SiC in New Application Fields *Presented by Peter Friedrichs - Infineon*
14:55	Enhancing Yield in Compound Semiconductor Processing *Presented by Serge Jedwab - Siconnex*
15:10	SiC: The Trusted Partner and Growth Engine for the High-Power Conversion Industry *Presented by Mrinal K. Das - onsemi*
15:25	Afternoon Break and Networking
16:10	Advanced Metrology Strategies for High-Yield SiC Manufacturing in Mature and Emerging Power Markets *Presented by Tamzin Lafford - Bruker UK*
16:25	Electrical Parametric Characterization of Wide-Bandgap Semiconductor Wafers and Devices *Presented by Maarten Raimond - Tektronix*
16:40	RAITH VECTOR in Compound Semiconductors *Presented by Jean-Claude Menard - Raith*
16:55	3 Decades of SiC Innovation Leading to 200 mm Production and Full Vertical Integration *Presented by Manuel Gärtner - STMicroelectronics*
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 Chairs

Advancing a broadening laser portfolio

09:00 Development of Strain-compensated Distributed Bragg Reflectors for GaN-based VCSELs With Potential for Faster Growth and Higher Productivity
Presented by Takeshi Kawashima - Ricoh

09:15 Unlocking the Future: Nanoporous Compound Semiconductor Technology for Next-Gen Sensing, Digital Health and Energy-Efficient Data Centers Optical Interconnect
Presented by Jung Han - InPHRED

09:30 Manufacturing VCSELs on 150mm and 200mm Wafer Formats
Presented by Peter Smowton - Cardiff University

09:45 Enabling As/P Epitaxy at Scale for Photonics, Optoelectronics, and Solar
Presented by Vinod Merai - Veeco

10:00 Advanced Volume Manufacturing InP Etching on 150 mm Wafers Using High Temperature and Reliability Electrostatic Chuck
Presented by Zhanxiang Zhao - Oxford Instruments

10:15 Developments in Surface Emitting Lasers and Component technologies
Presented by Graham Berry - Huawei Bragg Research Center (UK)

10:30 Photonic Crystal Surface Emitting Lasers – Their Potential for Advanced Communications
Presented by Richard Taylor - Vector Photonics

10:45 Morning Break - Refreshments & Networking

microLEDs: How to gain market traction

11:15 From Display to System: Enabling System-on-Panel Architectures Using MicroLEDs and MicroSolid Printing™
Presented by Reza Chaji - VueReal

11:30 Scalable MicroLED Optical Link Prototype Fabrication for the Next Generation Computing
Presented by Vygintas Jankus - CEA-Leti

11:45 Building a Silicon Fab-Compatible Supply Chain for MicroLED Manufacturing
Presented by Alexander Loesing - Allos Semiconductors

12:00 Lunch Break & Networking

Unlocking the potential of ultra-wide bandgap materials

13:30 Gallium Oxide RF Electronics: Recent Advances Toward Unlocking UWBG Potential
Presented by Min Zhou - Xidian University

13:45 12" SiC – Wafering Solutions for AR and Advanced Packaging
Presented by Malte Mueller - Lapmaster Wolters

14:00 High Voltage Power Technology with Gallium Oxide and AlGaN
Presented by Martin Kuball - University of Bristol

14:15 Towards More Efficient Power Transistors: Modulation-Doped □-(Al□Ga□□)□O□/Ga□O□ Heterostructures with Enhanced Electron Mobility
Presented by Andreas Fiedler - Leibniz-Institut für Kristallzüchtung (IKZ)

14:30 A Soft-Switching-Based Inverter Topology for High-Efficiency Applications
Presented by Ajay Poonjal Pai - Sanan

14:45 Gallium Oxide from Epitaxy to Device Demonstration - A Holistic Approach to Ultra-Wide Bandgap Power Electronics
Presented by Saptarsi Ghosh - Swansea University

15:00 Closing Remarks

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