

## 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 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 300mm for the AI Era  
*Presented by Pierre Gassot - imec*

09:30 Analytical X-Ray Solutions for Thin Film and Wafer Analysis  
*Presented by Name to be advised - Malvern Panalytical*

09:45 GaN Comes of Age: From Fast Chargers to Strategic Power Platforms  
*Presented by Roy Dagher - Yole Group*

10:00 D3GaN Power Modules for Automotive Inverters Achieving 99.7% WLTP Efficiency  
*Presented by Dieter Liesabeths - VisIC Technologies*

10:15 Presentation by AIXTRON  
*Presented by Vincent Meric - AIXTRON*

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 Analysis of Gallium Nitride Epilayers by Multi-ion Species Plasma-FIB and S/TEM Techniques  
*Presented by Martin ?alkovsky - ThermoFisher*

11:45 Tunable Epi System for GaN HEMT  
*Presented by Dong Sik Suh - TES Co. Ltd*

12:00 High Performance GaN Power Devices Enabled by Wafer Bonding  
*Presented by Elisabeth Brandl - EV Group*

### microLEDs: How to gain market traction

12:15 From Display to System: Enabling System-on-Panel Architectures Using MicroLEDs and MicroSolid Printing™  
*Presented by Reza Chaji - VueReal*

12:30 Scalable MicroLED optical link prototype fabrication for the next generation computing  
*Presented by Vygaistas Jankus - CEA-Leti*

12:45 Lunch Break and Networking

14:15 Startup Elevator Presentations

### Revitalising the SiC industry

14:25 Enabling Advanced Silicon Carbide R&D with 200-mm Open-Innovation Pilot Line at IME, A\*STAR Singapore  
*Presented by Umesh Chand - A\*STAR*

14:40 Further Growth Opportunities for SiC in New Application Fields  
*Presented by Peter Friedrichs - Infineon*

14:55 Advanced Metrology Strategies for High-Yield SiC Manufacturing in Mature and Emerging Power Markets  
*Presented by Tamzin Lafford - Bruker UK*

15:10 Quantifying What Matters in SiC Fabs: Inline TXRF, HRXRD, and XRR for Yield Control  
*Presented by Meredith Beebe - Rigaku*

15:25 Enhancing Yield in Compound Semiconductor Processing  
*Presented by Serge Jedwab - Siconnex*

15:40 Achieving High-Quality Monocrystals at Scale  
*Presented by Name to be advised - EEMCO*

15:55 Afternoon Break and Networking

16:25 Electrical Parametric Characterization of Wide-Bandgap Semiconductor Wafers and Devices  
*Presented by Maarten Raimond - Tektronix*

16:40 SiC: The Trusted Partner and Growth Engine for the High-Power Conversion Industry  
*Presented by Mrinal K. Das - onsemi*

16:55 RAITH VECTOR in Compound Semiconductors  
*Presented by Jean-Claude Menard - Raith*

17:10 Further presentations to follow

17:55      Closing Remarks

18:15      Networking Drinks / Dinner Reception

# Day 3 - Wednesday 22nd April 2026

08:00 Registration and welcome refreshments

08:50 Housekeeping by Conference Chairs

## Advancing surface-emitting optoelectronics

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*

Unlocking the Future: Nanoporous Compound Semiconductor Technology for Next-Gen Sensing, Digital Health and Energy-

09:15 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 Presentation by Huawei Technologies Research & Development

*Presented by Graham Berry - Huawei Technologies Research & Development*

10:15 Presentation by Vector Photonics

*Presented by Richard Taylor - Vector Photonics*

10:35 Morning Break - Refreshments & Networking

## Unlocking the potential of ultra-wide bandgap materials

11:05 Gallium Oxide RF Electronics: Recent Advances Toward Unlocking UWBG Potential

*Presented by Min Zhou - Xidian University*

11:20 12" SiC – Wafering Solutions for AR and Advanced Packaging

*Presented by Malte Mueller - Lapmaster Wolters*

11:35 High Voltage Power Technology with Gallium Oxide and AlGaN

*Presented by Martin Kuball - University of Bristol*

11:50 Towards More Efficient Power Transistors: Modulation-Doped  $\text{Al}_x\text{Ga}_{1-x}\text{O}_y/\text{Ga}_x\text{O}_y$  Heterostructures with Enhanced Electron Mobility

*Presented by Andreas Fiedler - Leibniz-Institut für Kristallzüchtung (IKZ)*

12:05 Scaling SiC lessons for ultra-wide bandgap commercialisation

*Presented by Ajay Poonjal Pai - Sanan*

12:20 Lunch Break and Networking

13:50 Further presentations to follow

16:35 Closing Remarks



## NOTES