

Day 1 - Monday 7th April 2025

18:30 Pre-conference networking drinks reception

Day 2 - Tuesday 8th April 2025

08:00 Registration and welcome refreshments

08:50 Housekeeping by Chris Meadows and Tim Bettles - Conference Chairs

GaN: Going beyond fast charging

09:00 **Achieving Avalanche in GaN-on-silicon Diodes**

Presented by Farid Medjdoub - University of Lille

09:15 **Presentation by Yole Group**

Presented by Name to be advised - Yole Group

09:30 **Harnessing the Underestimated Potential of GaN in the Digitalization Revolution: A Catalyst for Unforeseen Innovation in Energy Efficiency**

Presented by Roberto Crisafulli - ST Microelectronics

09:45 **Presentation by Semilab**

Presented by Name to be advised - Semilab

10:00 **Presentation by Thermo Fisher Scientific**

Presented by Name to be advised - Thermo Fisher Scientific

10:15 **Advancements in X-ray Metrology for GaN and Compound Semiconductors**

Presented by Assunta Vigliante - Rigaku

10:30 Morning Break

11:10 Presentation Title to be Confirmed

11:25 Presentation Title to be Confirmed

11:40 Presentation Title to be Confirmed

11:55 Presentation Title to be Confirmed

12:10 Presentation Title to be Confirmed

12:25 Lunch Break

Expanding the emission envelope

13:55 **Expanding the Spectral Range of GaN-based SLEDs**

Presented by Marco Malinverni - Exalos

14:10 **Perfecting GaN VCSEL Production Process**

Presented by Tetsuya Takeuchi - Meijo University

14:25 **The Power of Pseudomorphic Nitrides**

Presented by Leo Schowalter - Lit Thinking

14:40 **Presentation by Umicore**

Presented by Name to be advised - Umicore

14:55 **Presentation by LayTec**

Presented by Name to be advised - LayTec AG

15:10 Afternoon Break

Maintaining momentum for the microLED

15:50 **Perfecting the Polychromatic Pixel**

Presented by Michelle Chen - Q-Pixel Inc

16:05 **MicroSolid Printing: Redefining the Future of MicroLED Displays**

Presented by Reza Chaji - Vue Real

16:20 **Presentation by Yole Group**

Presented by Name to be advised - Yole Group

16:35 **Pioneering Mass Production and Commercialisation of MicroLED Microdisplays for AR**

Presented by Tongtong Zhu - Porotech

16:50 **Revolutionising microLED Displays with Nanowires**

Presented by Pierre Tchoufian - Aledia

17:05 **Leveraging NIL for LED Lens Packaging**

Presented by Thomas Achleitner - EV Group

17:20 Closing Remarks

18:00 Networking Drinks / Dinner Reception

Day 3 - Wednesday 9th April 2025

08:00 Registration and welcome refreshments

08:50 Housekeeping by Chris Meadows and Tim Bettles - Conference Chairs

Ultra-wide bandgap materials: The ultimate devices

Sponsored by Precision Fabricators

09:00 **Prospects of (ultra) Wide Bandgap Oxide ICs**

Presented by Xiaohang Li - KAUST

09:15 **A Solution to Doping AlN Enabling a New Era of Nitride Semiconductors**

Presented by Alan Doolittle - Georgia Institute of Technology

09:30 **Electric Field Engineering to Unlock the Potential of Gallium Oxide Power Devices**

Presented by Nolan Hendricks - AFRL (Air Force Research Laboratory)

09:45 **Efficient Diameter Enlargement of Bulk AlN**

Presented by Carsten Hartmann - Leibniz-Institut für Kristallzüchtung (IKZ)

10:00 **The promise of cubic Boron Nitride (c-BN)**

Presented by Siddha Pimputkar - Lehigh University

10:15 Morning Break

10:55 **Expanding the Ultra-Wide Bandgap Portfolio with Transition Metal Nitrides: AlScN and ALYN**

Presented by Stefano Leone - Fraunhofer Institute IAF

11:10 **Presentation Title to be Confirmed**

11:25 **Presentation Title to be Confirmed**

11:40 **Presentation Title to be Confirmed**

11:55 **Presentation Title to be Confirmed**

12:10 Lunch Break

Optimising opportunities for SiC success

13:40 **The Merits of the Merged p-i-n SiC Schottky Diode**

Presented by Llewellyn Vaughan-Edmunds - Navitas

13:55 **Increasing Production with the Newport Wafer Fab**

Presented by Name to be advised - Vishay

14:10 **Presentation by Infineon**

Presented by Name to be advised - Infineon

14:25 **Integrated Metal Etch and Photoresist Strip Solution for SiC Manufacturing**

Presented by Bernhard Hammerl - Siconnex Customized Solutions GmbH

14:40 Afternoon Break

15:20 **Presentation by Onto Innovation**

Presented by Name to be advised - Onto Innovation

15:35 **Presentation by Nanotronics**

Presented by Name to be advised - Nanotronics

15:50 **Presentation by Applied Materials**

Presented by Name to be advised - Applied Materials

16:05 **Presentation Title to be Confirmed**

16:20 **Closing Remarks**

