

Day 1 - 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

Harnessing the Underestimated Potential of GaN in the Digitalization Revolution: A Catalyst for Unforeseen Innovation in

09:30 **Energy Efficiency**

Presented by Roberto Crisafulli - ST Microelectronics

09:45 **Presentation Title to be Confirmed**

10:00 **Presentation Title to be Confirmed**

10:15 **Presentation Title to be Confirmed**

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 Title to be Confirmed**

14:55 **Presentation Title to be Confirmed**

15:10 Afternoon Break

Maintaining momentum for the microLED

15:50 **Perfecting the Polychromatic Pixel**

Presented by Michelle Chen - Q-Pixel Inc

16:05 **Printing microLED Displays**

Presented by Reza Chaji - Vue Real

16:20 **Presentation by Yole Group**

Presented by Name to be advised - Yole Group

16:35 **Driving Success in AR with Dynamic Pixel Tuning**

Presented by Tongtong Zhu - Porotech

16:50 **Revolutionising microLED displays with nanowires**

Presented by Pierre Tchoulyfian - Aledia

17:05 **Presentation Title to be Confirmed**

17:20 Closing Remarks

18:00 Networking Drinks / Dinner Reception

Day 2 - 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

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

Presented by Xiaohang Li - KAUST

09:15 A Solution to Doping AlN

Presented by Alan Doolittle - Georgia Institute of Technology

09:30 Enhancing Gallium Oxide Diodes with Titanium Dioxide

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 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 Presentation Title to be Confirmed

14:10 Presentation Title to be Confirmed

14:25 Presentation Title to be Confirmed

14:40 Afternoon Break

15:20 Presentation Title to be Confirmed

15:35 Presentation Title to be Confirmed

15:50 Presentation Title to be Confirmed

16:05 Presentation Title to be Confirmed

16:20 Closing Remarks

