

One-day technical meeting and AGM

COMPOUND SEMICONDUCTORS FOR DISPLAY APPLICATIONS

CSA Catapult Innovation Centre, Celtic Way, Imperial Park, Newport, NP10 8BE

Wednesday 20th November 2019, 10:00 to 16:00

The Society for Information Display, a global organisation representing scientists, engineers, corporate researchers, and business people from the display industry is pleased to organise this one day technical meeting on compound semiconductors for display applications.

The meeting is hosted by the Compound Semiconductor Applications Catapult which is headquartered in South Wales. CSA Catapult is a Not for Profit organisation focused on accelerating the adoption of compound semiconductors and on bringing applications to life in three technology areas: Power Electronics, RF & Microwave and Photonics. The next wave of emerging applications will have an enormous impact on our lives. These developments will be underpinned by compound semiconductor (CS) technologies.

The Compound Semiconductor Applications Catapult exists to help the UK economy grow and works across the UK within a range of industry sectors from automotive to medical, and from digital communications to aerospace.

The meeting will include talks from leading companies and universities on materials and devices including advanced GaN on silicon technologies, MicroLED and quantum dots for potential applications including augmented reality, head-up display and next generation large area displays.

Registration for this meeting is now open [at this link](#), and payment processed [here](#).

The following is an agenda for the day:

10:00	Registration and coffee	
10:30	SID UK & Ireland: Overview	Ben Broughton, UK&I Chair
10:35	Compound Semiconductor Applications Catapult: Welcome and introduction	Joe Ganniciffe, Head of Photonics
10:45	Plessey Semiconductor: "Monolithic GaN-on-silicon microLEDs: The future of display technology"	Gethn Pickard, Senior Product Development Engineer
11:10	IQE: Compound semiconductor epitaxy	Denise Powell, Open Innovation Manager
11:35	Nanoco: "Development of Heavy Metal-Free Quantum Dots for Display Applications"	Nigel Pickett, Chief Technical Officer
12:00	Chapter AGM	Ben Broughton, UK&I Chair
12:20	Lunch	
13:30	University of Strathclyde: "GaN micro-LEDs: a novel multi-mode, high-brightness & fast response display technology"	Martin Dawson, Director of Research
13:55	Tyndall National Institute: "Tyndall's activities on R/G/B micro-LEDs with transfer printing technologies"	Zhi Li, Postdoc Researcher
14:20	RealD: "Micro-Optics for Micro-LED displays"	Graham Woodgate, Chief Scientist
14:45	University of Cardiff: "Benefits of Cubic-GaN for Green/Red LEDs"	David Wallis, Professor of Compound Semiconductors
15:10	Tour of the facilities at the Compound Semiconductor Applications Catapult	Joe Ganniciffe, Head of Photonics
15:30	Close of meeting	