

## SID UK & Ireland Chapter

One-Day Technical Meeting and AGM:

### Microdisplays: Technology and Applications

Begbroke Science Park, University of Oxford, OX5 1PH

**Wednesday 28<sup>th</sup> June, 2017**

Microdisplays are expected to provide the next generation of augmented reality, virtual reality, head mounted and automotive head-up displays, enabling a raft of new consumer and industrial applications. The ideal display device for these new products will vary widely, and recent developments in microdisplays reflects this, with rapid progress being made in reflective modulators, arrays of microscale emissive devices, as well as the associated projection, waveguiding and diffractive optics.

This meeting will provide detailed insight from a range of leading UK and International researchers in both industry and academia, into a variety of microdisplay technologies and expected future directions.

The event will include the UK and Ireland Chapter Annual General Meeting

#### **Programme:**

09:45	Registration and coffee	
10:30	Welcome	Ben Broughton SID UK+I Chair
10:35	What would an Ideal Waveguide for Augmented Reality Need to Do	David Woods, Waveoptics
11:05	Pilot helmet mounted displays	John Blomfield, Qioptiq
11:35	Refreshment Break	
11:45	Micro-Transfer Printing for the next generation of emissive displays	António José Trindade, X-Celeprint, Cork Ireland
12:15	GaN microLED arrays	Francois Templier, CEA-LETI, Grenoble France
12:45	Chapter AGM	
13:00	Lunch	
14:00	GaN micro-LED arrays for smart displays	Erdan Gu, Strathclyde University
14:30	Holographic waveguide eyewear display	Akio Machida, SONY R+D, Atsugi Japan
15:00	Refreshment Break	
15:15	LCOS backplanes	Greg Truman, Forth Dimension Displays
15:45	Novel use of microdisplays for AR mitigation of sight loss	Stephen Hicks, Oxsight
16:15	Close of Meeting	

**Please register your attendance [here](#), and confirm with payment [here](#).**

Registration fees: £70 SID member, £100 non-members. £30 Students