

# 1<sup>ST</sup> AUSTRALASIAN WORKSHOP ON DIGITAL HOLOGRAPHY AND APPLICATIONS OF LIQUID CRYSTAL ON SILICON

## PROGRAM

FRIDAY, 09 SEPTEMBER 2016

Seminar Room 102 | New Law School, The University of Sydney

**09:15 - 09:30**

### **Arrival and Registration**

09:30 - 09:45

Steve Frisken, Finisar  
*Welcome and Introduction*

09:45 - 10:20

Joel Carpenter, University of Queensland  
*LCoS for measurement and manipulation of light in multimode fibres*

10:20 - 10:55

Martin Ploschner, Macquarie University

10:55 - 11:20

Simon Ashforth, University of Auckland  
*Investigating spatial and temporal beam shaping to improve femtosecond laser micromachining efficiency*

11:20 - 11:45

Haoran Ren, Swinburne University  
*Spatial Light Modulators using Optical Parallelism for Ultra High Speed Nano photonic Applications*

11:45 - 12:10

Alexander Fuerbach, Macquarie University  
*Waveguide lasers*

**12:10 - 13:00**

### **Lunch**

13:00 - 13:35

Kipp Bauchert, Meadowlark  
*Advancements in LCoS Phase SLMs*

13:35 - 14:10

Andrew Bartos, Finisar Australia  
*Heads up display and Holographics Display - a commercial opportunity?*

14:10 - 14:45

Francois Ladouceur, UNSW  
*Development of a novel liquid crystal based optrode for the visualisation of biopotentials*

14:45 - 15:10

Armin Segref, Cylite  
*Holoscopy of the Retina*

**15:10 - 15:30**

### **Afternoon Tea**

15:30 - 16:05

Glenn Baxter, Finisar  
*How LCoS changed DWDM*

16:05

Joel Carpenter, University of Queensland  
*Closing Remarks*