

**Exciton Science Symposium: Illuminating Tomorrow's Science**

**Date:** 8 & 9 February 2024

**Location:** Science and Engineering Building (SEB), UNSW

**Breakout rooms:**

K-E8-B25

K-E8-B24

K-E8-G02

Hilma lvl 6 Rm 623

**Capacity**

40

32

44

9-5

**8-Feb**

8.30 - 17.30

8.30 - 17.30

12 - 17.30

**9-Feb**

8.30 - 17.30

11 - 17.30

8.30 - 17.30

9-5

Thursday 8 Feb			
Time	Chair	K-E8-G05	K-E8-B24
9:00		Registration (Coffee)	
9:50	Paul Mulvaney	Prof. Paul Mulvaney (Centre Director): Acknowledgement of Country & Welcome	
9:55		Nick Kirkwood (COO): Exciton Alumni Network	
10:00		Prof. Jürgen Köhler (Uni Bayreuth): Towards all optical photonic gates: Light controls light	
10:30		Morning Tea	
11:00	Shi Tang	Tong Xie (UNSW/GreenDynamics): Accelerating Material Discovery with generative AI	
11:30	Anjay Manian & Shon Kolomoisky	Dr. Wei Luo (UoM): Mid-IR InSb photodetectors	Centre wind-down and final report discussion / Q&A (CIs and Ops Team)
11:45		Dr Phoebe Pearce (UNSW): Pathways for silicon solar cells with molecular singlet fission materials	
12:00		PhDs & post docs discussion: Centre wind down and post-centre.	
12:30		Lunch	
13:30	Lukas Wesemann, Nick Kirkwood, Sam Brooke	Using AI for research: Interactive workshop (All career levels welcome)	
15:30		Afternoon Tea	
16:00	Girish Lakhwani	Nicola Morris (Universities Australia & former COO of ARENA): Funding Landscape: Policy and Reform	
16:30		Finish	
17:30		Dinner and drinks - Marra Bar & Grill (Coogee Bay Hotel)	

Friday 9 Feb					
Time	Chair	K-E8-G05 (SEB G05)	Hilma lvl 6 Rm 623	K-E8-G02	K-E8-B25
8:45		Registration (Coffee)			
9:00	Wallace Wong	Prof. Jochen Feldmann (LMU)			
9:30		Platform, committee & ad hoc research meetings in breakout rooms	Executive Committee Meeting	P2.2 - Excitons at Interfaces	P3.3 - Light Emitting Devices
10:00			Science Committee Meeting		
10:30		Morning Tea			
11:00	Nick Kirkwood	<u>Exciton Alumni Careers Panel (10-15 min each + panel Q+A)</u> Dr Pegah Masooumi (Science Policy Fellow, Research Commercialisation, Department of Education) Dr Thomas MacDonald (Senior Consultant, Sustainability and Climate Change, Aurecon) Dr Billy Pappas (Qubit Device Physicist, Silicon Quantum Computing) Kate McGeoch (Associate Director - Research Grants and Contracts, UNSW)			
12:30		Closing remarks from Director			
12:45		Lunch			
		Optional: UNSW lab tours			