

Conference Day 1

18.11.2025 | 10:00 - 21:00
(SEAVIEW/SEABREEZE ROOM)



SELF ORGANISED ACTIVITIES YOGA/SWIM/ BEACH WALK

10:00 - 10:40

Registration (Seaview Room Foyer)

10:40 - 11:10

Morning tea

11:10 - 11:30

Conference Welcome -
Igor Aharonovich (UTS) and **Dragomir Nesev (ANU)**

Welcome to Country Ceremony

11:30 - 12:30

Tutorial - **Prof Weibo Gao (NTU)** "A Tunable Entangled Photon-Pair Source Based on a Van der Waals Insulator"

12:30 - 13:30

Lunch - Beach Bar & Dining

13:30 - 14:30

Tutorial - **Prof Jin Liu (Sun Yat-Sen Uni)** "Semiconductor Cavity Quantum Electrodynamics"

14:30 - 14:50

James Liddle-Wesolowski (UTS) "Creation of Room Temperature Spin Active Quantum Emitters in Hexagonal Boron Nitride."

14:50 - 15:30

Afternoon tea

15:30 - 17:30

Shark Tank Competition

18:00 - 21:00

Welcome BBQ + Live Music
Arden Lounge and Garden Bar area

Conference Day 2

19.11.2025 | 9:00 - 21:00
(SEAVIEW/SEABREEZE ROOM)



SELF ORGANISED ACTIVITIES YOGA/SWIM/ BEACH WALK

9:00 - 10:00

Tutorial - **Prof Hannah Joyce (University of Cambridge)**
"THz Photonics and Related Applications."

10:00 - 10:20

Gurpreet Singh (UWA) "Spectral Reconstruction of MEMS Fabry-Pérot Filter."

10:20 - 10:40

Ziwei Yang (ANU) "Dual-Wavelength Multifunctional Metalenses in Mono-Crystalline Silicon Carbide for Quantum Emission Collection."

10:40 - 11:10

Morning tea

11:10 - 11:30

Joshua Jordaan (ANU) "III-V Metasurface Lasers for Compact and Directional NIR Emission."

11:30 - 12:30

Tutorial - **Prof Christina Lim (UniMelb)** "Radio-Over-Fibre Technology."

12:30 - 13:30

Lunch - Beach Bar & Dining

13:30 - 14:30

Tutorial - **Prof Yang Chai (HK PolyU)** "Bioinspired in-Sensor Computing for Artificial Vision."

14:30 - 14:50

Jiajun Meng (UniMelb) "Design and Demonstration of Polarisation - Resolved Ge Metalenses for MWIR Imaging."

14:50 - 15:30

Afternoon tea

15:30 - 17:30

Team Building - Amazing Race

18:00 - 21:00

Trivia Night + Dinner in Seaview room

Conference Day 3

20.11.2025 | 9:00 - 21:00

(SEAVIEW/SEABREEZE ROOM)



SELF ORGANISED ACTIVITIES YOGA/SWIM/ BEACH WALK

9:00 - 10:00	Tutorial - Prof Hai Son Nguyen (INL École Centrale de Lyon) "Engineering Flatbands and Unidirectional Emission in Bilayer Photonic Metasurfaces."
10:00 - 10:20	Yang Yu (ANU) "Indium Arsenide Nanowire Array Based Spectrometer for Extended-SWIR Applications."
10:20 - 10:40	Dawei Liu (ANU) "Broadband Miniature Computational Spectrometer with a Vortex Retarder."
10:40 - 11:10	Morning tea
11:10 - 11:30	Lincoln Clark(UniMelb) "Infrared to Visible Image Processing by a Nonlinear LiNbO3 Metasurface Using Structured Light."
11:30 - 12:30	PhD career panel - Prof Lan Fu
12:30 - 13:30	Lunch - Beach Bar & Dining
13:30 - 14:30	Tutorial- Prof Goki Eda (NUS) "Exciton Photonics with Atomically Thin Semiconductors."
14:30 - 14:50	Peter Elango (RMIT) "A Compact Optical Sensor to Self-Assess Skin Health After Sun Exposure."
14:50 - 15:30	Afternoon tea
15:30 - 17:30	Poster session
18:00 - 21:00	Gala Dinner and Awards night in Seaview room

Conference Day 4

21.11.2025 | 9:00 - 13:30
(SEAVIEW/SEABREEZE ROOM)



SELF ORGANISED ACTIVITIES YOGA/SWIM/ BEACH WALK

9:00 - 10:40	IDEA Development workshop "Psychological Safety" with Rachel Service (she/her) & Sadie Said (they/them)
10:40 - 11:15	Morning tea
11:15 - 12:15	Tutorial - Mark Brongersma
12:15 - 12:30	Conference Conclusions - Igor Aharonovich (UTS)
12:30 - 13:30	Lunch - Beach Bar & Dining