

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)** "Quantum information science: spin-photon interfaces."

12:30 - 13:30

LUNCH - MARRA Restaurant

13:30 - 14:30

TUTORIAL - **Prof Jin Liu (Sun Yat-Sen Uni)** "Integrated quantum photonics: devices that employ OAM states."

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

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 - MARRA Restaurant

13:30 - 14:30

TUTORIAL - **Prof Yang Chai (HK PolyU)** "Neuromorphic optoelectronic devices."

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 + Pizza / Salads

SEAVIEW ROOM



SCAN ME

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)
"Twist optics, flatband and their applications in quantum/classical nanophotonics."

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 - MARRA Restaurant

13:30 - 14:30

TUTORIAL- Prof Goki Eda (NUS) "Excitons in 2D materials, their spectroscopy and related devices."

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/ Awards night 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 - MARRA Restaurant

