

Day 0: Monday 23rd Nov 2026

Time	Events	Venue
17:00-19:30	Registration	RMIT Building 80 Level 7 Foyer 445 Swanston Street, Melbourne, VIC 3000
	Welcome reception	

	Plenary talk (40 mins include Q&A)		Keynote (25 mins include Q&A)		Invited oral (15 mins include Q&A)				
Time	Day 1: Tuesday 24th Nov 2026								Venue
08:35-08:40	Welcome Speech: Dist. Prof. Baohua Jia, RMIT University								080.07.001
08:40-08:50	Opening Remarks: Prof. Catherine Itsiopoulos, Deputy Vice-Chancellor STEM College and Vice-President, RMIT University								
08:50-09:00	Photo Session								080.07.001
09:00-09:40	Prof. Kourosh Kalantar-Zadeh, <i>Controlling of Liquid Metals on Demand in Soft Devices and Systems</i> , The University of Sydney						Chair: Prof. Xiwang Zhang		080.07.001
09:40-10:20	Prof. Hua Zhang, <i>Phase Engineering of Nanomaterials (PEN)</i> , City University of Hong Kong								
10:20-10:50	Morning Tea (30 min, Poster Set Up, Venue: Foyer of B080.07)								
Morning Session	Optics, Photonics and Optoelectronics	Solar Energy Harvesting and Photo Detection	Advanced Characterisation and Simulation Techniques	Emerging Materials for Diagnostics and Therapeutics	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI	Critical Minerals, Resource Recovery and Circular Economy	ANMFC Challenge Presentations and Live Judging
Venue	080.08.005	080.08.007	080.08.009	080.08.010	080.08.011	080.09.007	080.09.009	080.06.004	080.09.012
Chair	Prof. Heike Ebendorff-Heidepriem (Adelaide University)	Dr. Lifeng Wang (RMIT University)	Dr. Xiaoning Li (RMIT University)	A/Prof. Maggie Zhai (RMIT University)	Dr. Shilin Zhang (Adelaide University)	Dr. Joshua Butson (Curtin University)	Dr. Qiran Cai (Deakin University)	Dr. Doudou Zhang (Macquarie University)	Australian Nano-Manufacturing Future Challenge (ANMFC)
10:50-11:15	Prof. Dongchen Qi <i>When Diamond Meets 2D: Engineering Diamond Surfaces for Diamondtronics</i> (Queensland University of Technology)	Dr. Munkhbayar Batmunkh <i>Understanding Carbon Based Perovskite Solar Cells</i> (Griffith University)	Prof. Cordelia Selomulya <i>Engineering Plant-Based Proteins for Sustainable Food Systems</i> (The University of New South Wales)	Dr. Zihao Wang <i>Patient-Specific Carotid Artery-on-Chip "Physical Twins" Reveal Flow-Dependent Thrombosis and Personalised Antithrombotic Response</i> (The University of Sydney)	Dr. Dong Jun (DJ) Kim <i>Wiring Proton Gradients for Energy Conversion via Light-Responsive Molecular Switches</i> (The University of New South Wales)	A/Prof. Amgad Rezk <i>MHz acoustics for nanomaterials synthesis and enhanced electrocatalysis</i> (RMIT University)	Dr. Md Ataur Rahman <i>Functional Materials and Intelligent Electronics for a Connected and Sustainable Future</i> (RMIT University)	A/Prof. Hamid Arandiyan <i>Nitric Acid Decomposition in Nickel-Cobalt Leaching</i> (RMIT University)	10 shortlisted young researchers and student teams (5 mins each) • Live judging

11:15-11:40	Prof. Yang Tan <i>RE-Doped Thin-Film Gain Media for Microcavity Lasers and Optical Amplifiers</i> (Shandong University)	Prof. Xiaotao Hao <i>Exciton and Charge-Carrier Dynamics in Organic Solar Cells Revealed by Ultrafast Spectroscopy</i> (Shandong University)	A/Prof. Su Ying Quek <i>Discovery of 2D Materials for Piezoelectronics, Non-Linear Optics and Exciton Condensation</i> (National University of Singapore)	Prof. Kapil Chousalkar <i>Title TBC</i> (Adelaide University)	Dr. Dmitrii Rakov <i>Battery Electrolytes: From Molecules to Devices</i> (Adelaide University)	Dr. Min Liu <i>Title TBC</i> (The University of Queensland)	Prof. Kuniharu Takei <i>Laser-Induced Graphene-Based Smart Sensor System</i> (Hokkaido University)	Dr. Hanwei Yu <i>Title TBC</i> (University of Technology Sydney)	• Selection of 3 winning teams 10:50-12:30
11:40-12:05	Prof. Jinglai Duan <i>Ion Track Technology-Based Optical Nanostructures</i> (Institute of Modern Physics, CAS)	Dr. Jegadesan Subbiah <i>Molecular design and additive engineering for efficient organic solar cells</i> (The University of Melbourne)	A/Prof. Mark Edmonds <i>Geometry-Engineered Quantum Materials: Twist, Strain and Stacking in 2D and Vertical Superlattices</i> (Monash University)	Prof. Hang Ta <i>Surface Coatings for the Prevention of Thrombosis and Bacterial Infections</i> (Griffith University)	Prof. Cheng Yan <i>Chemo-mechanical failure in high-performance rechargeable batteries</i> (Queensland University of Technology)	Dr. Jinqiang Zhang <i>Title TBC</i> (The University of Western Australia)	Dr. Shaoyu Zhao <i>Nano-Origami Mechanical Metamaterials</i> (Swinburne University of Technology)	Prof. Qilin Wang <i>Title TBC</i> (University of Technology Sydney)	
12:05-12:30	Prof. Zhanghua Han <i>Coherent thermal emission generation enabled by nonlocal metasurfaces</i> (Shandong Normal University)	Mr Kanishk Arunraj <i>Copper tungstate photoanodes with enhanced solar water splitting performance</i> (RMIT University)	Dr. Jiří Pavelec <i>From Instrument Development to Atomistic Understanding of Single-Atom Catalysts</i> (TU Wien)	Dr. Rong Xu <i>Glucose-Responsive Nano Sugar with Kidney Tropism Enable Multi-Day Therapy in Diabetic Mice</i> (Monash University)	Dr. Yaojie Lei <i>Regulating Sulfur Reaction Pathways for High-Performance Sulfur Batteries</i> (University of Technology Sydney)	Prof. Sicong Tian <i>Title TBC</i> (China Agricultural University)	Prof. Dong Ruan <i>Internal Interlaminar shear behaviour of additively manufactured continuous fibre-reinforced composites using MWCNT-coated filaments</i> (Swinburne University of Technology)	Prof. Stefano Freguia <i>Magneli-phase titanium suboxide ceramic electrodes for resource recovery from urban wastewater</i> (The University of Melbourne)	
12:30-13:30	Lunch/Poster (60 min, Venue: Foyer of B080.07)								

After-noon Session 1	Optics, Photonics and Optoelectronics	Solar Energy Harvesting and Photo Detection	Advanced Characterisation and Simulation Techniques	Emerging Materials for Diagnostics and Therapeutics	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI	Critical Minerals, Resource Recovery and Circular Economy
Venue	080.08.005	080.08.007	080.08.009	080.08.010	080.08.011	080.09.007	080.09.009	080.06.004
Chair	Prof. Yang Tan (Shandong University)	Dr. Munkhbayar Batmunkh (Griffith University)	Dr. Keng-Te Lin (RMIT University)	Dr. Lei Bao (RMIT University)	Dr. Dmitrii Rakov (Adelaide University)	Dr. Min Liu (The University of Queensland)	Dr. Shaoyu Zhao (Swinburne University of Technology)	A/Prof. Hamid Arandiyan (RMIT University)
13:30-13:55	Prof. Zaixing Yang <i>Low-dimensional antimonide and optoelectronic devices</i> (Shandong University)	Dr. Lifeng Wang <i>Two-Dimensional Materials: From Controlled Growth to Solar Energy Harvesting and Conversion</i> (RMIT University)	Prof. James McCoy <i>How Geometry Shapes Matter</i> (RMIT University)	A/Prof. Keying Guo <i>Title TBC</i> (Guangdong Technion-Israel Institute of Technology)	Dr. Shilin Zhang <i>Interfacial Engineering for Aqueous Zn Battery</i> (Adelaide University)	Prof. Zichun Wang <i>Tailoring high-performance and stable Ni catalysts for CO2 reforming of CH4</i> (Beijing University of Chemical Technology)	A/Prof. Ylias Sabri <i>Title TBC</i> (RMIT University)	Dr. Helena Wang <i>Accelerating the Circular Economy for Lithium-Ion Batteries: Microwave-Enhanced Deep Eutectic Solvents for Critical Metal Recovery</i> (The University of Melbourne)
13:55-14:20	A/Prof. Zhang Bo <i>Ultrafast Laser Micro-nanostructuring in Transparent Materials for On-chip Integrated Micro-spectrometers</i> (Zhejiang University)	Dr. Wenxin Mao <i>Photo-modulation of Ion Distribution in Metal Halide Perovskites</i> (Monash University)	Prof. Yalin Lu <i>Precision Quantum Measurement: Challenges on New Light Sources</i> (University of Science and Technology of China)	Prof. Sophia Gu <i>Title TBC</i> (The University of New South Wales)	Dr. Junnan Hao <i>Advanced aqueous Zn battery design with conversion-based cathodes</i> (Adelaide University)	Prof. Long Ren <i>Liquid Metal-Based Responsive Micro/Nanorobots: Development and Applications</i> (Shanghai University)	Dr. Debjit Ghoshal <i>Light-Activated Doping and Dedoping for Precision Manufacturing of Wafer-Scale 2D TMDCs</i> (Indian Institute of Technology Guwahati)	Prof. Damien Giurco <i>Strategic Minerals in a Circular Economy: An Australian Perspective</i> (The University of Melbourne)
14:20-14:45	A/Prof. Shengxi Huang <i>Improving single photon emission from van der Waals materials via atomic engineering</i> (Rice University)	Prof. David Tissue <i>Innovative glasshouse films to reduce energy use and increase resource use efficiency and productivity</i> (Western Sydney University)	Prof. Jie Yang <i>Title TBC</i> (RMIT University)	Dr. Abdulah Bawazeer <i>Novel Responsive Lipid Nanoparticles for Multidrug-Resistant Organism Therapeutics</i> (RMIT University)	A/Prof. Bin Luo <i>Title TBC</i> (The University of Queensland)	Dr. Joshua Butson <i>Room Temperature Hydrogen Permeability of Metals and Thin-Film Ceramics</i> (Curtin University)	Prof. Son Lam Phung <i>Title TBC</i> (University of Wollongong)	Prof. Huacheng Zhang <i>Artificial ion channel membranes for efficient ion separation</i> (Monash University)
14:45-15:10	Prof. Xiaodong Huang <i>Title TBC</i> (Swinburne University of Technology)	Ms Solongo Purevdorj <i>Interfacial Passivation for Efficient Hole Transporting Materials Free Carbon-Based Perovskite Solar Cells</i> (Griffith University)	Dr. Suvadip Das <i>Improved Auger Recombination Rates for Efficient LEDs, Excitons, and Electron-phonon mediated Superconductivity in 2D Quantum Materials</i> (Birla Institute of Technology and Science Pilani Hyderabad)	A/Prof. Behnam Akhavan <i>Plasma Bio-engineering: From bioactive interfaces to advanced biofabrication</i> (University of Sydney)	Dr. Minkyung Kang <i>Observing Phase Transitions in Confined Volumes</i> (The University of Sydney)	Ms Jianan He <i>Engineering Active Sites and Heterointerfaces on MXene for Efficient Electrocatalytic Water Splitting</i> (The University of Melbourne)	Dr. Qiran Cai <i>Thermal properties and applications of boron nitride nanosheets</i> (Deakin University)	Dr. Rumana Hossain <i>Transforming Complex Wastes into High-Performance Nano- and Advanced Materials</i> (The University of New South Wales)

The International Conference on Nanomaterials & Atomaterials Science and Applications (ICNASA 2026) Program
(23rd–26th Nov 2026, Melbourne, VIC, Australia)



15:10-15:25	Dr. Quancheng Liu <i>Measurement-induced photonic topological insulators</i> (Shandong University)	Dr. Weifei Fu <i>Scalable Fabrication of Organic and Perovskite Solar Modules</i> (Zhejiang University)	Ms Xinyue Xu <i>Spectral Signatures of Singlet Fission Intermediates of Solid-State TIPS-Pentacene</i> (University of Melbourne)	Dr. Helen (Xiaoxue) Xu <i>Quantitative Evaluation of Surface-Modified Upconversion Nanoparticles for Targeted Cancer Imaging and Fluorescence-Guided Surgery</i> (University of Technology Sydney)	Dr. Tong Yang <i>Ultra-Thin Hybrid Ion Exchange Interlayer for High Performance Aqueous Zn Metal Batteries</i> (Queensland University of Technology)	Dr. Feiyue Gao <i>Designing Active Sites and Microenvironments for Durable Hydrogen Electrocatalysis</i> (Adelaide University)	Ms Maryam Jamshidi <i>ZnS-Mediated Multi-cation Exchange toward Compositionally Complex Metal Sulphide Nanomaterials</i> (The University of New South Wales)	A/Prof. Hans Oskierski <i>Refining of spodumene into lithium chemicals</i> (Murdoch University)
15:25-15:55	Afternoon Tea (30 min, Venue: Foyer of B080.07)							
After-noon Session 2	Optics, Photonics and Optoelectronics 1	Optics, Photonics and Optoelectronics 2	Solar Energy Harvesting and Photo Detection	Emerging Materials for Diagnostics and Therapeutics	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI	Critical Minerals, Resource Recovery and Circular Economy
Venue	080.08.005	080.08.009	080.08.007	080.08.010	080.08.011	080.09.007	080.09.009	080.06.004
Chair	Prof. Dongchen Qi (Queensland University of Technology)	A/Prof. Bo Zhang (Zhejiang University)	Dr. Jegadesan Subbiah (The University of Melbourne)	Dr. Rong Xu (Monash University)	Dr. Yaojie Lei (University of Technology Sydney)	Dr. Jinqiang Zhang (The University of Western Australia)	Dr. Md Ataur Rahman (RMIT University)	Dr. Helena Wang (The University of Melbourne)
15:55-16:20	A/Prof. Sudha Mokkalapati <i>Scalable Ternary-Solvent Growth of Ultrathin 2D Perovskite Crystals for Custom Optoelectronic Functionalities</i> (Monash University)	Prof. Heike Ebendorff-Heidepriem <i>Title TBC</i> (Adelaide University)	A/Prof. James Hutchison <i>Fluorescence brightening up to 150°C and seconds-long delayed fluorescence in dye-doped zeotypes</i> (The University of Melbourne)	Prof. Kang Liang <i>Engineering Nanozyme Selectivity through Materials Design and Mechanistic Control</i> (The University of New South Wales)	Dr. Nana Wang <i>Engineering Sulfur Reaction Pathways for High-Energy Metal Sulfur Batteries</i> (University of Technology Sydney)	Prof. Jun-Jie Zhu <i>Electrochemiluminescence Imaging for Analytical Application</i> (Nanjing University)	A/Prof. Shiyang Tang <i>Universal shrink-programmed droplet-to-bead fabrication of multimodal functional microbeads</i> (The University of New South Wales)	Dr. Doudou Zhang <i>Accelerating green hydrogen production through low-cost electrode development and scalable manufacturing</i> (Macquarie University)
16:20-16:45	Dr. Guiyuan Cao <i>Graphene Metalens for Multi-functional Flat Optics</i> (RMIT University)	Prof. Jiangang Feng <i>Title TBC</i> (University of Science and Technology of China)	Dr. Jialiang Huang <i>Cryogenic Cathodoluminescence Reveals Defect-State Regulation in Wide-Bandgap Kesterite Solar Cells</i> (The University of New South Wales)	Dr. Nhiem Tran <i>Lipid Self-Assembly: From Nanostructure to Therapeutic Function</i> (RMIT University)	Prof. Porun Liu <i>Design of Sub-Nanoscale Active Sites for Energy Conversion Applications</i> (Griffith University)	Prof. Michael Stockenhuber <i>Title TBC</i> (University of Technology Sydney)	Dr. Mohammad Ghasemian <i>Liquid Metals Enabling the Fabrication and Doping of Advanced Transparent Conductive Materials</i> (The University of Sydney)	Prof. Mohammad Zaki Mubarak <i>From Metallurgical Residues to Critical-Metal Resources: Integrated Valorization of Bauxite Residue and Nickel HPAL Tailings</i> (Institut Teknologi Bandung)

16:45-17:10	Dr. Yuge Chen <i>Topological phase transitions in cut-and-project binary chains: an arithmetic criterion from polarization</i> (Shanghai University)	Ms Nahiya Mushtaq <i>Liquid-Metal-Engineered Ultrathin 2D Ce–Ga Oxides for Broadband UV– NIR Negative Photodetection</i> (RMIT University)	Dr. Junlin Lu <i>Rethinking Exciton Dissociation in Two-Dimensional Perovskites: Beyond Edge State Mechanism</i> (RMIT University)	Dr. Christina Cortez-Jugo <i>Carrier-free Nanoparticle Platforms for Therapeutic Applications</i> (The University of Melbourne)	Prof. Min Hong <i>Phonon Engineering for High-Performance Thermoelectric Materials</i> (University of Southern Queensland)	Dr. Mengran (Aaron) Li <i>Unlocking catalyst potentials in zero-gap membrane-electrode assemblies</i> (The University of Melbourne)	Dr. Sina Jamali <i>Title TBC</i> (Griffith University)	Dr. Sazzad Ahmad <i>Hydrogen-Assisted Recovery of Critical Metals from NMC Black Mass: Thermodynamic Modelling and Experimental Validation</i> (Swinburne University of Technology)
	Dr. Mansi Goyal <i>High-Performance Cellulose Photonic Films with Multifunctional Properties</i> (Queensland University of Technology)	A/Prof. Ling Zhang <i>Femtosecond Laser Inscribed Fiber Bragg Gratings for Harsh Environments and Marine Acoustics</i> (Harbin Engineering University)		Dr. Jingqu Chen <i>Compositional Engineering of Bioactive Metal–Organic Nanoparticles for Immune Modulation</i> (The University of Melbourne)	Dr. Jhonatan Soto Puelles <i>Molecular Insight into the Structure of Poly(Ionic Liquids) for Sodium Metal Battery Applications</i> (Deakin University)	Dr. Caiden J. Parker <i>Electroacoustic Copper Restructuring for Highly Selective CO₂ Reduction to Methane</i> (RMIT University)	Ms Mengrui Li <i>Application-Tailored Low-Loss MnZn Ferrites for High-Frequency Magnetic Components: Toward Additive Manufacturing</i> (RMIT University)	Dr. Chen Zhao <i>Bioinspired Metal–Organic Framework Channel Membranes for Selective and Gated Ion Transport</i> (RMIT University)
18:00-20:30 Complementary dinner, all welcome but pre-registration required for catering purpose								

	Plenary talk (40 mins include Q&A)	Keynote (25 mins include Q&A)	Invited oral (15 mins include Q&A)						
Time	Day 2: Wednesday 25th Nov 2026								GTALL – ICNASA 2026 Industry Forum 8:30 am –5:30 pm Venue: 080.06.005 Connecting breakthrough science with industry, investment and global markets Separate registration required
09:00-09:40	Dist. Prof. Sujeeva Setunge, <i>Nanotechnology-Enabled Circular Construction: Enhancing Waste-Derived Materials for Sustainable Infrastructure</i> , RMIT University, (Venue: 080.07.001)						Chair: Dist. Prof. Tianyi Ma		
09:40-10:20	Prof. Lei Jiang, <i>Title TBC</i> , Chinese Academy of Sciences (Venue: 080.07.001)								
10:20-10:50	Youth STEM Showcase and Awards Ceremony (Venue: 080.07.001) 5 teams: 3 ANMFC winners + Trinity Grammer STEM Racing Car + Biotech Future PPE team								
10:50-11:20	Morning Tea (30 min, Poster Set Up, Venue:080.07 foyer)								
Morning Session	Optics, Photonics & Optoelectronics	Solar Energy Harvesting and Photo Detection	Advanced Characterisation and Simulation Techniques	Emerging Materials for Diagnostics and Therapeutics	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI	Critical Minerals, Resource Recovery and Circular Economy	
Venue	080.08.005	080.08.007	080.08.009	080.08.010	080.08.011	080.09.007	080.09.009	080.09.012	
Chair	A/Prof. Han Lin (RMIT University)	Dr. Meng Zhang (The University of New South Wales)	Dr. Xue Yan (The University of Melbourne)	Dr. Jieying Liang (The University of New South Wales)	A/Prof. Dipan Kundu (The University of New South Wales)	Dr. Ali Zavabeti (RMIT University)	Dr. Morgan Zhang (RMIT University)	Dr. Zhouzun Xie (The University of New South Wales)	
11:20-11:45	Prof. Feng Chen <i>Femtosecond Laser Inscribed 3D Optical Chirality in YAG Crystal</i> (Shandong University)	Prof. Zhong-Hua Chen <i>Energy and resource sustainable technologies of greenhouse horticulture in Australia</i> (Adelaide University)	Dr. Shibo Xi <i>Title TBC</i> (National University of Singapore)	Dr. Chang Lei <i>Nanotechnology-Enabled Advanced Omics: Unlocking Molecular Insights for Biomedical Research</i> (The University of Sydney)	Dr. Xiaomin Xu <i>Perovskite Oxide Electrocatalysts for Anion Exchange Membrane Water Electrolysis: From Materials Design to Device Performance</i> (Curtin University)	A/Prof. Muxina Konarova <i>Fewer Experiments, Better Predictions: Hybrid Kinetic-Machine Learning Models for Catalytic Conversion of Mixed Feedstocks</i> (The University of Queensland)	Prof. Yang Yang <i>Advanced Manufacturing of Radio Frequency Electronics</i> (The University of Sydney)	Prof. Luke Henderson <i>Engineering Interfaces, Creating Function: New Opportunities in Advanced Materials</i> (Deakin University)	
11:45-12:10	Prof. Xiaoli Sun <i>Plasmonic modified photoresponse in ferroelectrics</i> (Shandong University)	Dr. Xiaoming Wen <i>A Novel Photovoltaic Concept: The Lattice Battery Solar Cells</i> (RMIT University)	Dr. Wanlu Li <i>Physics-Informed Structure Prediction and Computational Characterization of Disordered Materials</i> (UC San Diego)	Dr. Wenyi Li <i>Understanding Antimicrobial Peptides as Next-Generation Antibiotics</i> (La Trobe University)	Dr. Yufei Zhao <i>Title TBC</i> (University of Technology Sydney)	Dr. Hangjuan Ren <i>From Active Sites to an Active-Site Ecosystem: Making Operando Truly Operando</i> (Monash University)	Prof. Mingzhu Li <i>A Bioinspired Micro-nano Photonic Materials</i> (Technical Institute of Physics and Chemistry, CAS)	Dr. Tim Werner <i>Sustainable critical mineral supply futures for Australia: Reconciling resource abundance with supply risks and transparency</i> (The University of Melbourne)	

GTALL – ICNASE 2026 Industry Forum

8:30 am –5:30 pm

Venue: 080.06.005

Connecting breakthrough science with industry, investment and global markets

Separate registration required

The International Conference on Nanomaterials & Atomaterials Science and Applications (ICNASA 2026) Program
(23rd–26th Nov 2026, Melbourne, VIC, Australia)



12:10-12:35	Dr. Zhuo Wang Ultrafast laser-enabled big data storage (Zhejiang University)	Dr. Jincheol Kim Advanced Manufacturing Strategies for Scalable Perovskite Solar Cells (Macquarie University)	Dr. Henry Li AI4Science: From Accelerated Discovery to Agentic Discovery (Adelaide University)	Dr. Omid Mazaheri Metal–Phenolic Networks for Next Generation AgriTech (The University of Melbourne)	Dr. Petar Jovanović Title TBC (Monash University)	Dr. Jingrun Ran Atomic-Level Regulation on Photocatalyst for Energy-Related Reaction (Adelaide University)	Prof. Qunfeng Cheng Title TBC (University of Science and Technology of China)	Prof. Ying (Ian) Chen Solid-state lithium-metal batteries need new materials innovation (Deakin University)	GTALL – ICNASE 2026 Industry Forum
12:35-13:00	Dr. Linnan Jia 2D materials for enhanced nonlinear optics in integrated waveguides (RMIT University)	Dr. Mehri Ghasemi Illumination-Conditioned States in Soft Metal Halide Perovskites: Beyond Static Recombination Physics (RMIT University)	Dr. Pei Lay Yap Advancing the Characterisation Toolbox for Graphene-Based Materials (Adelaide University)	Dr. Haiyan Li Engineering Small Extracellular Vesicles for Tissue Regeneration (RMIT University)	Prof. Zhanying Zhang Lignocellulose-Derived Hard Carbon for Sodium-Ion Battery Anodes (Queensland University of Technology)	Ms Anran Song Database-guided thermodynamic-kinetic regulation for PtNi-based intermetallic electrocatalysts (Shanghai Jiao Tong University)	Prof. Longqiu Li High-Precision 3D Printing of Micro/Nano Functional Devices: Materials, Processes, Equipment and Applications (Harbin Institute of Technology)	Dr. Jingxiu Wang Selective Lithium Recovery from Spent Lithium-Ion Batteries via Stepwise Transition Metal Crystallization (Adelaide University)	
13:00-14:00	Lunch/Poster Assessment (60 min, Venue: 080.07 foyer)								
14:00-14:40	Plenary Talk: Prof. Ying Tan, From Functional Materials to Intelligent Wearable Sensors: Design, Fabrication and Applications, The University of Melbourne (Venue: 080.07.001)						Chair: Prof. Jie Yang		
After-noon Session 1	Optics, Photonics and Optoelectronics	Solar Energy Harvesting and Photo Detection	Emerging Materials for Diagnostics and Therapeutics 1	Emerging Materials for Diagnostics and Therapeutics 2	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI	Critical Minerals, Resource Recovery and Circular Economy	
Venue	080.08.005	080.08.007	080.08.009	080.08.010	080.08.011	080.09.007	080.09.009	080.09.012	Separate registration required
Chair	Prof. Feng Chen (Shandong University)	Dr. Xiaoming Wen (RMIT University)	Dr. Wenyi Li (La Trobe University)	Dr. Omid Mazaheri (The University of Melbourne)	Dr. Xiaomin Xu (Curtin University)	Dr. Jingrun Ran (Adelaide University)	Dr. Nic Bao (RMIT University)	Dr. Tim Werner (The University of Melbourne)	
14:40-15:05	Prof. Xiaoke Yi Title TBC (The University of Sydney)	A/Prof. James Bullock Black Phosphorus Infrared Photodiodes (The University of Melbourne)	Dr. Qi (Hank) Han Decoding protein solution behaviours using synchrotron small-angle X-ray scattering and machine learning (RMIT University)	Prof. Fariba Dehghani Architected and Translatable Biomaterials for Regenerative Medicine and Medical Implants (The University of Sydney)	Dr. Qingbing Xia Interfacial Engineering and Mechanistic Characterisation for Next-Generation Sodium-Ion Batteries (The University of Queensland)	A/Prof. Jingwei Hou Conformal Glazing of Covalent Organic Frameworks: Hydrogen Sieving When Dry, Proton Conduction When Wet (The University of Queensland)	Dr. Morgan Zhang Light-enabled High-performance Graphene for Energy Devices, Wearable Textiles and Beyond (RMIT University)	Prof. Akbar Rhamdhani Low-Carbon and Circular High-Temperature Recycling of End-of-Life Batteries (Swinburne University of Technology)	

The International Conference on Nanomaterials & Atomaterials Science and Applications (ICNASA 2026) Program
(23rd–26th Nov 2026, Melbourne, VIC, Australia)



15:05-15:30	Prof. Sumeet Walia Ultra-thin materials for next-generation electronics and optoelectronics technologies (RMIT University)	Dr. Meng Zhang Crystallization Engineering of Perovskite Thin Films for Photovoltaic Applications (The University of New South Wales)	Dr. Hao Wang From shared receptors to nanomedicine: targeting pathogenic macrophages across chronic lung diseases (RMIT University)	Dr. Jieying Liang Engineering Biocatalytic Nanomaterials for Precision Therapy and Biosensing (The University of New South Wales)	A/Prof. Dipan Kundu Balancing Transport and Interfacial Stability in Solid-State Battery Cathodes (The University of New South Wales)	Dr. Zhiliang Wang Title TBC (The University of Queensland)	Dr. Olga Zinovieva Can Individual Struts Serve as Surrogate Specimens for Additively Manufactured Titanium Microlattices? (The University of New South Wales)	Dr. Zhouzun Xie From Particles to Processes: Understanding Complex Particle–Fluid Systems Across Scales (The University of New South Wales)	GTALL – ICNASA 2026 Industry Forum 8:30 am –5:30 pm Venue: 080.06.005 Connecting breakthrough science with industry, investment and global markets Separate registration required
15:30-15:55	A/Prof. Han Lin Polymer Metasurface Radiative Cooling Film from Lab to Fab (RMIT University)	Dr. Miaoqiang Lyu Lead-free Halide Perovskites for Optoelectronic Applications (The University of Queensland)	Prof. Bo Peng Biochips for Mitochondrial Function Sensing and Therapeutic Regulation (Northwestern Polytechnical University)	Dr. Changkui Fu Sulfoxide Polymers for Diagnostic and Therapeutic Applications (The University of Queensland)	Prof. Hongqi Sun Catalyst materials for photothermal catalysis (The University of Western Australia)	Dr. Haimei Xu Harnessing Solar Energy for Sustainable Catalysis: Photo-Driven Energy Production, Waste Valorisation and Environmental Remediation (RMIT University)	Prof. Bilu Liu 2D materials based homologous metal heteromaterials with chemically bonded metallic interface for stable high-current-density electrocatalysis (Tsinghua University)	Prof. Yan Zhuge Turning Water Treatment Sludge into Self-healing Concrete (Adelaide University)	
15:55-16:10	Dr. Erin Grant Nanomaterials for Optical Quantum Biosensing (RMIT University)	Mr Tai Wu Phosphonic Acid Functionalization of P3HT for Efficient and Stable Inverted Perovskite Solar Cells (University of New South Wales)	Dr. Linpeng Fan Programming Biomaterial Systems Across Scales for Regenerative Therapeutics and Biointegrated Sensing (The University of Melbourne)	Dr. David Ju From mRNA Vaccines to Cancer Immunotherapy: Translating Clinical Insights into mRNA Therapeutics (La Trobe University)	Ms Jingyi Luo Energy-Efficient Plasma Nitrogen Fixation via Ozone-Enhanced Electrodeless Bubble Discharge (University of Sydney)	Ms Piumi Nishshanka Photoelectrochemical Nitrate Reduction to Ammonia Using a UiO-66/CuPc Composite Photocathode (Macquarie University)	Dr. Marco Cassani Decoding Cancer Mechanobiology to Improve Nanotherapeutic Delivery (International Clinical Research Center of Brno)		
16:10-16:40	Afternoon Tea (30 min, Venue: 080.07 foyer)								
After-noon Session 2	Optics, Photonics and Optoelectronics	Solar Energy Harvesting and Photo Detection	Advanced Characterisation and Simulation Techniques	Emerging Materials for Diagnostics and Therapeutics	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI	Critical Minerals, Resource Recovery and Circular Economy	
Venue	080.08.005	080.08.007	080.08.009	080.08.010	080.08.011	080.09.007	080.09.009	080.09.012	
Chair	Dr. Erin Grant (RMIT University)	Dr. Miaoqiang Lyu (The University of Queensland)	Dr. Shibo Xi (National University of Singapore)	Dr. Omid Mazaheri (The University of Melbourne)	Dr. Yameng Fan (RMIT University)	Dr. Hangjuan Ren (Monash University)	Dr. Olga Zinovieva (The University of New South Wales)	Dr. Jingxiu Wang (Adelaide University)	

16:40-17:05	Prof. Liang Li <i>Multifunctional Perovskite Photodetectors</i> (Soochow University)	Dr. Dongxu He <i>Towards Efficient and Stable Tin Halide Perovskite Photovoltaics</i> (The University of Queensland)	Prof. Nikhil Medhekar <i>Reconfigurable 2D Materials for Low-Energy Electronics</i> (Monash University)	A/Prof. Ruirui Qiao <i>3D Printing of Nanoparticle-Integrated Hydrogels</i> (The University of Queensland)	Dr. Tianqi Zhang <i>Electrifying Chemical Manufacturing for a Net-Zero Future: Plasma Reactive Systems from Molecules to Applications</i> (The University of Sydney)	Dr. Ali Zavabeti <i>Title TBC</i> (RMIT University)	Prof. Xiwang Zhang <i>Confined Polymerisation: A New Strategy for High-performance Membranes</i> (The University of Queensland)	Prof. George Franks <i>Flocculation-flotation for improved recovery of fine critical minerals</i> (The University of Melbourne)	
	Mr Miao Liu <i>Programmable radiative coupling in nanoelectromechanical quasi-BIC metasurfaces</i> (RMIT University)	Ms Maduni M. Wijethilake <i>Evaluation of a Light Diffusion Radiative Cooling Film for Energy-Efficient Protected Cropping</i> (RMIT University)	Dr. Xue Yan <i>Intertwined chirality and symmetry breaking in moiré domain-wall networks</i> (The University of Melbourne)	A/Prof. Jiao Jiao Li <i>Developing Regenerative Therapies for Bone and Joint Diseases</i> (University of Technology Sydney)	Ms Joyee Wong <i>Graphene Oxide–Silica Microcapsules Containing Phase Change Materials for Thermal Energy Storage</i> (Monash University)	Dr. Dechao Chen <i>Colloidal Synthesis of Photocatalytic Quantum Dots Heterostructure</i> (University of Southern Queensland)	Dr. Nic Bao <i>Topology Optimisation and Advanced Manufacturing for High-Performance Architectural Structures</i> (RMIT University)	Dr. Hong Peng <i>A Sustainable Process for Critical Metals Recovery from Mine Waste</i> (The University of Queensland)	
	Dr. Yi-Hsun Chen <i>Efficient light upconversion in few-layer transition metal dichalcogenides</i> (The University of Queensland)	Ms Xihan Wu <i>Artificial Chiral Microstructures for Manipulating Upconversion Emission</i> (RMIT University)	Dr. David Broadway <i>Persistence and emergence of atomic optical defects at high pressure</i> (RMIT University)	Prof. Feng Wang <i>Engineering Nano-Bio Interfaces: From Biomedical Nanotechnology to Plant Nanobiotechnology</i> (Hefei University of Technology)	Mr Shengyong Gao <i>Carbon-anchored functionalized single atoms for anode-free sodium batteries</i> (The University of Queensland)	Dr. Yu Mao <i>Theoretical Investigation of Integrated CO2 Capture and Electrochemical Reduction: Challenges and Opportunities</i> (The University of Auckland)	Mr Chi-Chun Cheng <i>Fab-Compatible Platform with 2D Integration and Monolithic 3D CMOS</i> (Nation Tsing Hua University)	Dr. Camille Jing Zhao <i>The Role of Microbial Systems in Shaping the Future of Sustainable Mining</i> (The University of New South Wales)	
18:30-22:15 Conference Banquet and Awards for registered attendees (Venue: Athenaeum Club, Melbourne, 87 Collins St, Melbourne VIC 3000, Australia)									

	Plenary talk (40 mins include Q&A)	Keynote (25 mins include Q&A)	Invited oral (15 mins include Q&A)					
Time	Day 3: Thursday 26th Nov 2026							Venue
09:00-09:40	Prof. Hui-Ming Cheng, Exploration of new 2D materials, Shenzhen Institutes of Advanced Technology, CAS					Chair: Dist. Prof. Baohua Jia	080.07.001	
09:40-10:20	Prof. Frank Caruso, Engineering Nanoparticle Platforms for Precision Organ Targeting and Therapeutic Delivery, The University of Melbourne							
10:20-10:50	Morning Tea (30 min, Venue:080.07 foyer)							
Morning Session	Optics, Photonics and Optoelectronics	Advanced Characterisation and Simulation Techniques	Emerging Materials for Diagnostics and Therapeutics	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI 1	Nano-/Atom-fabrication, Advanced Manufacturing and AI 2	Critical Minerals, Resource Recovery and Circular Economy
Venue	080.08.005	080.08.007	080.08.009	080.08.010	080.08.011	080.09.007	080.09.009	080.09.012
Chair	Dr. Bo Wu (Shandong University)	Dr. Henry Li (Adelaide University)	Dr. Eric Gao (RMIT University)	Dr. Yufei Zhao (University of Technology Sydney)	Dr. Xin Mao (Queensland University of Technology)	Dr. Ming Zhou (Griffith University)	Prof. Haiping Du (University of Wollongong)	Dr. Chitra Sulkan (Swinburne University of Technology)
10:50-11:15	Prof. Dongming Sun Novel Two-Dimensional Material-Based Optoelectronic Transistors for Intelligent Vision (Institute of Metal Research, CAS)	Dr. Anton Tadich The Soft X-ray Beamline at the Australian Synchrotron: Capabilities, research and future direction (ANSTO)	Prof. Jānis Ločs Synthesis and room/subzero temperature pressure-driven sintering of metastable calcium phosphates (Riga Technical University)	Prof. Huanyu Jin Electrocatalysis under Intermittent Conditions (Shenzhen Institutes of Advanced Technology, CAS)	A/Prof. Faying Fan Ion Separation Membranes Based on Bare-Ion Sieving and Their Applications (Qinghai University)	Prof. Chang Liu Highly conductive carbon nanotube fibers (Institute of Metal Research, CAS)	Prof. Jianxin Zhong Title TBC (Shanghai University)	Ms. Fatima Arshia Upcycling E-Waste-Derived Copper into Cu/Ni Foam Electrodes for High-Current-Density Glucose Electrooxidation to Formate (The University of Hong Kong)
11:15-11:40	Dr. Taimur Ahmed Defect-Engineering in Low-dimensional Materials for Bioinspired Neuromorphic Vision Sensors (RMIT University)	Dr. Pria Ramkisssp Using Synchrotron X-ray Absorption Spectroscopy (XAS) to Study Any Material (ANSTO)	Dr. Brendan Dyett Dynamic Nanostructures in Lipid Nanoparticles: From Interfaces to mRNA Microneedle Delivery (RMIT University)	A/Prof. Bing Sun Developing High-Energy Electrode Materials for Metal–Air Batteries (University of Technology Sydney)	Dr. Xiuwen Zhou Quantitative calculations of the photoluminescence quantum yield of organometallic emitters (Queensland University of Technology)	A/Prof. Hongwei Cheng Ion track technology for the design and fabrication of nanolattice mechanical metamaterials (Institute of Modern Physics, CAS)	Prof. Dikai Liu Title TBC (University of Technology Sydney)	Dr. Fei Li Carbon-based nanomaterials for selective gold extraction from e-waste (The University of New South Wales)

11:40-12:05	Dr. Qingdong Ou <i>2D Material Polaritonics and Optoelectronic Devices</i> (Macau University of Science and Technology)	Dr. Pablo Resendiz Vazquez <i>Unveiling electronic Inhomogeneity in moiré-engineered two-dimensional semiconductors</i> (Monash University)	Prof. Emma Kowal <i>Title TBC</i> (Deakin University)	Dr. Yanqiu Lyu <i>Solvent Coordination Engineering for Selective and Sustainable Battery Recycling</i> (Adelaide University)	Prof. Colin Barrow <i>Title TBC</i> (Deakin University)	Prof. Yang Xiang <i>Title TBC</i> (Monash University)	Prof. Bernard Rolfe <i>Title TBC</i> (Deakin University)	Dr. Chitra Sulkan <i>Towards Sustainable NMC Recycling: Lower-Emission Reduction Pathways for Critical-Metal Recovery</i> (Swinburne University of Technology)
12:05-12:30	Dr. Xiangyang Guo <i>Laser-nanoprinted broadband flat optics in liquid-metal-derived 2D tin oxide</i> (RMIT University)		Dr. Guochen Bao <i>Lanthanide Luminescent Materials for sensing and therapeutic applications</i> (University of Technology Sydney)	Dr. Jinqiang Zhang <i>Title TBC</i> (University of Technology Sydney)	Ms. Zhirong Lang <i>Promoting Ampere-Level Nitrate Reduction to Ammonia Through Designing Chiral Catalysts</i> (The University of Hong Kong)	Mr Kang Liu <i>Designing with Scent: Coffee-Ground Composite Filaments for 3D-Printed Multisensory Wall Skins</i> Kang Liu (RMIT University)	Dr. Naimeh Naseritaheri <i>Interfacial Coupling in MoS₂Hydrogen Evolution</i> (Monash University)	
12:30-14:20	Lunch (110 min, Venue: Foyer of B080.07)							
	13:10-14:20	Lunch with the Editors (Chair: Prof. Dongchen Qi; Venue: B080.07.001) 4 journal presentations (10 min each): Wiley, npj Nanophotonics, Materials Reports: Energy, Scilight. followed by a 30-min panel discussion.						4th Scilight Seminar on High-Quality Journal Development Venue: 080.06.005 From 1:00 pm Separate registration required
After-noon Session	Optics, Photonics and Optoelectronics 1	Optics, Photonics and Optoelectronics 2	Emerging Materials for Diagnostics and Therapeutics 1	Emerging Materials for Diagnostics and Therapeutics 2	Sustainable Energy Storage and Applications	Catalysis for Energy and Sustainability	Nano-/Atom-fabrication, Advanced Manufacturing and AI 1	Nano-/Atom-fabrication, Advanced Manufacturing and AI 2
Venue	080.08.005	080.08.007	080.09.012	080.08.009	080.08.010	080.08.011	080.09.007	080.09.009
Chair	Dr. Taimur Ahmed (RMIT University)	Dr. Qingdong Ou (Macau University of Science and Technology)	Dr. Hao Wang (RMIT University)	Dr. Brendan Dyett (RMIT University)	A/Prof. Bing Sun (University of Technology Sydney)	A/Prof. Faying Fan (Qinghai University)	Prof. Yang Xiang (Monash University)	Prof. Dikai Liu (University of Technology Sydney)
14:30-14:55	Prof. Liwei Chen <i>Time-Resolved In Situ Imaging Reveals the Mechanism of Laser-Induced Nanoparticle Self-Deposition on Copper</i> (Xi'an Jiaotong University)	Prof. Qiaoliang Bao <i>Transformation of confined-space photonics into industrial-level applications</i> (University of Shanghai for Science and Technology)	Dr. Haitao Yu <i>Fusogenic Lipid Cubosomes as Nanocarriers for Next-Generation Nanomedicine</i> (RMIT University)	Dr. Kevin M. Koo <i>Decentralized cancer liquid biopsy profiling within a clinical biosensor validation framework</i> (The University of Queensland)	Prof. Dan Liu <i>Advanced Nanocomposite Materials for Zinc-ion batteries</i> (RMIT University)	Dr. Xin Mao <i>Molecular Design of MIL-53(Cu) for Selective Electrochemical CO₂ Reduction to C₂ Products</i> (Queensland University of Technology)	Prof. Withawat Withayachumnankul <i>Title TBC</i> (Adelaide University)	Prof. Haiping Du <i>Title TBC</i> (University of Wollongong)

14:55-15:20	A/Prof. Hui Hu <i>Title TBC</i> (Swinburne University of Technology)	Dr. Bo Wu <i>Laser-induced Plasmonic Nanostructures for Optical Storage in Disordered Crystals</i> (Shandong University)	Dr. Fengtao Jiang <i>Engineering Dynamic Tumor–Vascular Interfaces: Microfluidic Platforms for Cancer Metastasis and Mechanobiology</i> (The University of Sydney)	Dr. Eric Gao <i>Structure-Guided Engineering of Ionisable Lipid Nanoparticles for Targeted mRNA Delivery</i> (RMIT University)	A/Prof. Nolene Byrne <i>Hard Carbon Anodes for High-Performance Sodium-Ion Batteries: From Processing to Electrochemical Performance</i> (Deakin University)	Dr. Mu Xiao <i>Molten salt synthesis of heterogeneous catalysts for solar energy conversion: old chemistry for advanced materials</i> (The University of Queensland)	Prof. Hua Wang <i>Title TBC</i> (Victoria University)	Dr. Ming Zhou <i>Molecularly Imprinted Polymer-Functionalised Lateral-Flow Membrane for Highly Sensitive and Selective Per- And Polyfluoroalkyl Substances Detection in Water</i> (Griffith University)	4th Scilight Seminar on High-Quality Journal Development Venue: 080.06.005 From 1:00 pm Separate registration required
15:20-15:45	Ms Junbo Yang <i>Three-dimensional asymmetric plasmonic metasurfaces supporting quasi-BIC resonances with tunable Q factors</i> (RMIT University)	Ms. Ransini Dahanayake <i>From Fire Protection to Fire Detection: Graphene Metamaterial-Coated Cotton for Smart Fire Safety</i> (RMIT University)	A/Prof. Vi Khanh Truong <i>Engineering adaptive liquid-metal biointerfaces through Predict–Design–Restore for coordinated host defence and regeneration</i> (Flinders University)	Dr. Guocheng Fang <i>Microfluidic laser-emission aqueous droplets for biomedical applications</i> (University of Technology Sydney)	Dr. Yibo Ma <i>Overcoming redox barriers in black phosphorus negative electrodes through lattice P–N engineering for fast-charging Li-ion batteries</i> (RMIT University)	Dr. Yitong Li <i>Zwitterionic carbamate interfaces unlock efficient “liquid” CO2 upgrading</i> (RMIT University)	Mr Madhav Kumar Jha <i>Interplay between reinforcement-induced microstructural heterogeneity and corrosion kinetics in TiB2 reinforced Mg-12.5Al-2Zn-1.5Ca nanocomposite</i> (Dr B R Ambedkar National Institute of Technology Jalandhar)	Ms Zhihong Zhang <i>Predicting Solvent-Dependent Molecular Gelation through Self-Assembly-Informed Machine Learning</i> (Deakin University)	
15:45-16:00					Ms. Huan Xu <i>Dual descriptor screening identifies a molecular mediator for low concentration ether electrolytes in lithium metal batteries</i> (The University of Hong Kong)		Ms Lily Arrieta <i>Titanium Alloys with Nanotopography for Orthopaedic Implant Applications</i> (RMIT University)	Dr. Zhiyuan Huang <i>Biomimetic Design and High-Precision Additive Manufacturing of Bioactive Dental Structures</i> (Harbin Institute of Technology)	
16:00-16:30	Closing Ceremony and Awards (Chair: Dist. Prof. Baohua Jia) (Venue: B080.07.001)								

The International Conference on Nanomaterials & Atomaterials Science and Applications
(ICNASA 2026) Poster Session
(23rd–26th Nov 2026, Melbourne, VIC, Australia)

Name	Affiliation	Theme
Ms Ransini Dahanayake	RMIT University, Australia	Optics, Photonics and Optoelectronics
Mr Tao Wu	RMIT University, Australia	Optics, Photonics and Optoelectronics
Ms Huize He	RMIT University, Australia	Optics, Photonics and Optoelectronics
Dr Lingyu Huang	RMIT University, Australia	Optics, Photonics and Optoelectronics
Dr Feiying Sun	Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences, China	Optics, Photonics and Optoelectronics
Dr Changbin Nie	Chongqing Institute of Green and Intelligent Technology, Chinese Academy of Sciences, China	Optics, Photonics and Optoelectronics
Prof Yanli Mao	Henan University, China	Optics, Photonics and Optoelectronics
Mr Hongyang Chen	RMIT University, Australia	Optics, Photonics and Optoelectronics
Dr Xiangyang Guo	RMIT University, Australia	Optics, Photonics and Optoelectronics
Mr Guijun Zhang	RMIT University, Australia	Solar Energy Harvesting and Photo Detection
Mr Binghao Du	Yunnan University, China	Solar Energy Harvesting and Photo Detection
Ms Kaijie Gong	RMIT University, Australia	Advanced Characterisation and Simulation Techniques
Ms Maryam Jamshidi	The University of New South Wales, Australia	Advanced Characterisation and Simulation Techniques
Ms Mengyao Liu	RMIT University, Australia	Emerging Materials for Diagnostics and Therapeutics
Mr Suyi Zhao	RMIT University, Australia	Sustainable Energy Storage and Applications
Mr Jia Li	The University of New South Wales, Australia	Sustainable Energy Storage and Applications
Mr Xiaocheng Xu	RMIT University, Australia	Catalysis for Energy and Sustainability
Mr Hangning Liu	RMIT University, Australia	Catalysis for Energy and Sustainability
Ms Jianan He	The University of Melbourne, Australia	Catalysis for Energy and Sustainability
Ms Ziyuan Yan	RMIT University, Australia	Catalysis for Energy and Sustainability
Mr Sina Mehdifar	RMIT University, Australia	Catalysis for Energy and Sustainability
Dr Caiden J. Parker	RMIT University, Australia	Catalysis for Energy and Sustainability
Ms Min Liu	RMIT University, Australia	Nano-/Atom-fabrication, Advanced Manufacturing and AI
Ms Lily Arrieta	RMIT University, Australia	Nano-/Atom-fabrication, Advanced Manufacturing and AI
Prof Jie Liu	Institute of Modern Physics, Chinese Academy of Sciences, China	Nano-/Atom-fabrication, Advanced Manufacturing and AI
Mr Kang Liu	RMIT University, Australia	Nano-/Atom-fabrication, Advanced Manufacturing and AI
Mr Ruichang Xue	RMIT University, Australia	Nano-/Atom-fabrication, Advanced Manufacturing and AI
Mr Deus Msumange	RMIT University, Australia	Critical Minerals, Resource Recovery and Circular Economy
Ms Thilini Nimanthika Gunawardhana Wickrama Arachchi Gunawardhanage	The University of Melbourne, Australia	Critical Minerals, Resource Recovery and Circular Economy
Mr Yunzhao Fan	RMIT University, Australia	Critical Minerals, Resource Recovery and Circular Economy