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CONFERENCE

PRELIMINARY PROGRAM

AS OF 6TH SEPTEMBER 2023

SUBJECT TO CHANGE – FURTHER SESSIONS AND SPEAKERS TO BE ANNOUNCED SOON

23-24 OCTOBER 2023

PAN PACIFIC HOTEL, PERTH, WESTERN AUSTRALIA

Bringing together leaders from across the Indo-Pacific and beyond for opportunities in space and cross-sector technologies and innovation



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80+ SPEAKERS | PARTICIPANTS FROM 12 COUNTRIES



Please view the [website](#) for the full up-to-date list of our speakers

<p>VICTORIA ALONSOPEREZ Founder – Chipsafer, Livestock Tracking (Singapore)</p>	<p>KRYSTAL AZELTON Director of Space Applications Programs – Secure World Foundation (USA)</p>	<p>DAVID BALL Regional Director, Australia and New Zealand – Lockheed Martin Space</p>	<p>PROFESSOR GRETCHEN BENEDIX Deputy Head of School, Earth and Planetary Sciences – Curtin University</p>	<p>PROFESSOR PHIL BLAND Director, Space Science and Technology Centre – Curtin University</p>	<p>ALAN BRUNSTROM Former ESA Applications Ambassador (UK)</p>	<p>JAMES BUNN President – Engineers Australia, UK Chapter</p>	<p>DR BEN BUSSEY Chief Scientist – Intuitive Machines (USA)</p>	<p>DR NEWTON CAMPBELL Director, Space Programs – AROSE</p>	<p>SEBASTIAN CHAOUI Co-Founder – Arlula</p>	<p>IAN CHRISTENSEN Director – Private Sector Programs at Secure World Foundation (USA)</p>	<p>DR MEGAN CLARK AC Chair – Australian Space Agency Advisory Board</p>
<p>MICHAEL CRATT Managing Director – AV-Comm Space and Defence</p>	<p>JASON CRUSAN Vice President, New Energy Solutions – Woodside Energy</p>	<p>LEANNE CUNNOLD Chief Executive Officer – AROSE</p>	<p>ROSS D'ANGELO Assistant Director, Immigration Operations – Immigration Group, Department of Home Affairs</p>	<p>LINDA DAWSON Deputy Director General – WA Government, Department of Jobs, Tourism, Science and Innovation</p>	<p>JOEL EARNSHAW Manager, Security & Risk – Perenti – Diversified Global Mining Services</p>	<p>CHRIS ERIKSEN General Manager, Technology and Information Management – Atlas Iron</p>	<p>SHAWN FERNANDO Remote Operations Manager – Woodside Energy</p>	<p>DARIA FILICHKINA COO – AstroAgency (Scotland)</p>	<p>DAVID FLANAGAN Executive Chair – Delta Lithium, Chair – AROSE</p>	<p>SAMUEL FORBES Director – Fugro SpAARC (Australian Space Automation, Artificial Intelligence and Robotics Control Complex)</p>	<p>KATH FORWARD Assistant Director, Cyber and Infrastructure Security Centre, Department of Home Affairs</p>
<p>JAMES FREE NASA Associate Administrator – Exploration Systems Development (USA)</p>	<p>PROFESSOR ROBERTO FURFARO Deputy Director – Space Security, Safety & Sustainability Center, Professor, Systems and Industrial Engineering – University of Arizona (USA)</p>	<p>RAJ GAUTAM Founder & CEO – QL Space – QL Resources</p>	<p>MARK GIBBERD Director – Centre for Crop Disease Management Curtin University</p>	<p>THOMAS GOOCH CEO – Office of Planetary Observations – Urban Greening Insights</p>	<p>DR. ZVI GUTERMAN Chief Executive Officer – Cloudshare (Israel)</p>	<p>GARY HALE Chief Security Officer (CSO) & Director, Defence & Space – Curtin University</p>	<p>ELEANOR HUGHES Principal – Joseph Banks Secondary College</p>	<p>JONATHAN HUNG Executive Chairman – Singapore Space and Technology Limited</p>	<p>PROFESSOR MELANIE JOHNSTON-HOLLITT Director – Curtin Institute of Computation</p>	<p>RENU KANNU Eco-System Lead – Australian Automation and Robotics Precinct</p>	<p>RAM KAPPUSAMY CEO – Space Angel</p>
<p>MICHELLE KEEGAN Program Director – AROSE</p>	<p>PROFESSOR ANDY KORONIOS Deputy Director – Space Security, Safety & Sustainability Center, Professor, Systems and Industrial Engineering – University of Arizona (USA)</p>	<p>DR. DAVID KORSMEYER Deputy Center Director – NASA's Ames Research Center (USA)</p>	<p>STEVE LANYI Assistant Director – Cyber and Infrastructure Security Centre, Department of Home Affairs</p>	<p>DR CARSTEN LAUKAMP Principal Research Geoscientist – CSIRO Mineral Resources</p>	<p>DR ROGER LAWES Principal Research Scientist – CSIRO Agriculture Flagship, Leader, Digital Decisions (Agriculture) – CSIRO</p>	<p>CHARLIE MCGILLIS Senior Vice President, Government Relations and Strategy – Slingshot Aerospace (USA)</p>	<p>DAWN MCINTOSH Space Systems Director – Fugro SpAARC (Australian Space Automation, Artificial Intelligence and Robotics Control Complex)</p>	<p>KERRI MERTZ Senior Account Manager, International – Slingshot Aerospace (USA)</p>	<p>DR MARK MICIRE Former Robotics Group Lead and Research Scientist – NASA, Former Program Manager – DARPA</p>	<p>HARVEY MILLAR Centre Director – ARC Centre of Excellence in Plant Energy Biology – Plant Scientist – Plant Protein Expert</p>	<p>HIROKAZU MORI CSO – Warpspace (JAPAN), CEO – Warpspace (USA), Vice President – Blue Abyss (JAPAN)</p>
<p>DR JASMINE MUIR Principal Scientist – SmartSat CRC, Leader – Agriculture Research</p>	<p>ALEX MURPHY Director & Head of Engineering – Ausco</p>	<p>DR WILLIAM NOTARDONATO CEO – Eta Space, Former Senior Principal Investigator – Cryogenic Test Laboratory NASA</p>	<p>DANAIL OBRESCHKOW Astrophysicist & Head of the International Space Centre – UWA</p>	<p>ENRICO PALERMO Head of the Australian Space Agency</p>	<p>TIM PARSONS Non Executive Director – Space Industry Association of Australia, Node Coordinator – SmartSat CRC</p>	<p>DR STEFAN PATERSON Principal – Integrated IP</p>	<p>CHARITHA PATTIARATCHI Professor – Oceans Graduate School UWA</p>	<p>FRED PAULING Wildcat Technologies Lead – CSIRO Data61 Robotics & Autonomous Systems Group</p>	<p>VENKAT PILLAY CEO – LatConnect60</p>	<p>RUEBEN RAJASINGAM Chief Operating Officer & Co-Founder – LatConnect 60</p>	<p>SAKTHIKUMAR RAMACHANDRAN Founder & Chief Executive Officer – OrbitAID Aerospace (India)</p>
<p>DR SUBBA RAO PAVULURI Chairman & Managing Director – Ananthi Technologies (India)</p>	<p>RODOLPHE RUFFIE-FARRUGIA Space, Resources, and Disputes Lawyer – Clifford Chance, Advisor – Space Court Foundation</p>	<p>SARA SABRY Astronaut – Blue Origin, CEO & Founder of Deep Space Initiative (Egypt)</p>	<p>MASASHI SATO Director and COO – SPACETIDE, Foundation Principal – ispace (JAPAN)</p>	<p>RENAE SAYERS Deputy Director – Space Science and Technology Centre, Curtin University</p>	<p>ASSOCIATE PROFESSOR SASCHA SCHEDIWY Principal Research Fellow – International Centre for Radio Astronomy Research (ICRAR) – International Space Centre – University of Western Australia</p>	<p>JON SCIORTINO Portfolio Manager, Autonomous & Intelligence Systems – Nova Systems</p>	<p>SHANKAR SIVAPRAKASAM Founder – Earth Eye Space (Singapore)</p>	<p>DANIEL SMITH Director – Space Scotland</p>	<p>BRYCE SOLOMON Chief Security Officer – DUC Technology – High Performance Computing</p>	<p>DHARSHUN SRIDHARAN Associate Director, Emerging Technologies (Space, Robotics, AI) – KPMG</p>	<p>JONATHAN STOCK Director – US Geological Survey National Innovation Center, US Department of the Interior (USA)</p>
<p>LYNETTE TAN CEO – Space Faculty (Singapore)</p>	<p>RYAN TIMONEY Senior Mechanical Engineer – First Mode</p>	<p>REBECCA TOMKINSON CEO – The Chamber of Minerals and Energy of Western Australia</p>	<p>TERRY VAN HAREN Air Commodore (Retired), President & Managing Director – LeoLabs</p>	<p>ALEXANDRA VIDYUK Founder – Space Ambition (Singapore)</p>	<p>AUDE VIGNELLES Chief Technology Officer – Australian Space Agency</p>	<p>PAUL WILLIAMS Founder & Managing Director – Black Arrow Space Technologies (UK)</p>	<p>JESSLYN WONG Co-Founder & Co-CEO – Wall Pie Space and Technology (Singapore)</p>	<p>JAMES YUEN Director, Space – WA Government, Department of Jobs, Tourism, Science and Innovation</p>	<p>DORON ZAUER Co-Founder & General Partner – Earth & Beyond Ventures (ISRAEL)</p>		

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










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SUNDAY 22 ND OCTOBER		
5.30pm – 7.30pm	Evening welcome reception <i>The Rooftop – The Art Gallery of Western Australia</i>	
	DAY ONE – MONDAY 23 RD OCTOBER	
	PLENARY BALLROOM	
8.00am – 8.45am	Registration opens – tea and coffee on arrival	
8.45am – 9.00am	MC welcome	
9.00am – 9.15am	Welcome to Country	
9.15am – 9.25am	Official welcome	
9.25am – 9.35am	Enrico Palermo  Head of the Australian Space Agency	
9.35am – 10.05am	KEYNOTE The Artemis Mission James Free  Associate Administrator for Exploration Systems Development – NASA (USA) SESSION CHAIR AND INTRODUCTION TO KEYNOTE SPEAKER Leanne Cunbold  Chief Executive Officer – AROSE (Australian Remote Operations for Space and Earth)	
10.05am – 10.45am	PANEL The intersect between space and on-Earth industry	
10.45am – 11.00am	COUNTRY SPOTLIGHT Singapore: a beacon of innovation and collaboration in the Indo-Pacific Jonathan Hung  Executive Chairman – Singapore Space and Technology Limited	
11.00am – 11.30am	MORNING TEA	
	PLENARY BALLROOM	
11.30am – 1.15pm	PRESENTATION Geophysics explorations: seismic sensing for the Earth, Moon & Mars Hemant Chaurasia  Chief Product Officer – Fleet	
	PANEL Space-enabled innovations: revolutionising precision on Earth – agriculture, resources, defence and more MODERATOR Professor Melanie Johnston-Hollitt  Director – Curtin Institute of Computation	
	PRESENTATION NASA small spacecraft technology: ongoing and upcoming technology demonstrations and the connection with terrestrial industry SESSION CHAIR AND MODERATOR Roger Hunter  Program Manager, Small Spacecraft Technology Program – NASA	
	PRESENTATION Opportunities with India 	
	LUNCH	
1.15pm – 2.15pm		
	RESOURCES BALLROOM 1	AGRICULTURE BALLROOM 2
2.15pm – 3.45pm	PRESENTATION New opportunities to detect and access off-world resources Jonathan Stock  Director – US Geological Survey National Innovation Center, US Department of the Interior	PRESENTATION Connecting space technologies to agriculture Dr Roger Lawes  Principal Research Scientist – CSIRO Agriculture Flagship Leader, Digital Decisions (Agriculture) – CSIRO
	PANEL Connecting space and resources SESSION CHAIR AND MODERATOR Michelle Keegan  Program Director – AROSE	PRESENTATION How Malaysian rice growers are able to harness better data in their hands to optimise crop yields and minimise crop disease Rueben Rajasingam   Chief Operating Officer & Co-Founder – LatConnect 60
	PRESENTATION Getting an edge using Earth observation for critical metals exploration Dr Carsten Laukamp  Principal Research Geoscientist – CSIRO Mineral Resources	PANEL Enhancing production and profit in agriculture with satellite data and space applications
	PRESENTATION From deep sea to deep space – how we deliver missions anywhere Samuel Forbes  Director – Fugro SpAARC (Australian Space Automation, Artificial Intelligence and Robotics Control Complex)	PRESENTATION Bringing space to Earth for agricultural management and sustainability Wes Lawrence  CEO – AxisTech
3.45pm – 4.15pm	AFTERNOON TEA	
	ENERGY BALLROOM 1	RESILIENCE BALLROOM 2
4.15pm – 5.30pm	PRESENTATION Liquid hydrogen at the intersection of the new space and energy age Dr William Notardonato  CEO – Eta Space, Former Senior Principal Investigator – Cryogenic Test Laboratory NASA	PANEL The future of space and defence SESSION CHAIR AND MODERATOR Gary Hale  Chief Security Officer (CSO) & Director, Defence & Space – Curtin University
	PANEL Powering the future: decarbonisation and beyond – unleashing the potential of renewable energy across industries	PANEL Cyber and resilience: securing the future across diverse sectors MODERATOR Cecily Rawlinson  Director – CyberWest
5.30pm – 6.30pm	NETWORKING DRINKS	

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MIGRATION OPPORTUNITIES –
DEPARTMENT OF HOME AFFAIRS

	DAY TWO – TUESDAY 24 TH OCTOBER		
	PLENARY BALLROOM		
8.30am – 9.00am	Registration opens – tea and coffee on arrival		
9.00am – 10.40am	<div>KEYNOTE PRESENTATION</div> <div>Autonomous operations: expectations vs. reality</div> <div>Dr David Korsmeyer </div> <div>Deputy Center Director – NASA’s Ames Research Center</div>		
	<div>PANEL</div> <div>The connection between sustainability on Earth and sustainability in space</div> <div>SESSION CHAIR AND MODERATOR</div> <div>Krystal Azelton </div> <div>Director of Space Applications Programs – Secure World Foundation</div>		
	<div>PRESENTATION</div> <div>Activities at JAXA’s Space Exploration Innovation Hub Center for future lunar exploration</div> <div>Ikkoh Funaki </div> <div>Japan Aerospace Exploration Agency (JAXA)</div>		
10.45am – 11.30am	MORNING TEA		
	ROBOTICS & AUTONOMOUS SYSTEMS BALLROOM 1	START UPS & PITCHES BALLROOM 2	EDUCATION & WORKFORCE DEVELOPMENT GOLDSWORTHY / HAMERSLEY
11.30am – 1.15pm	<div>PRESENTATION</div> <div>From commercial off the shelf to fully space qualified: examples and strategies for accelerated flight heritage</div> <div>Dr Mark Micire  </div> <div>Former Robotics Group Lead and Research Scientist – NASA Former Program Manager – DARPA</div>	<div>PRESENTATION</div> <div>Investment opportunities in space and deep tech</div> <div>Doron Zauer </div> <div>Co-Founder & General Partner – Earth & Beyond Ventures</div>	<div>PRESENTATION</div> <div>My journey to space</div> <div>Sara Sabry </div> <div>Astronaut – Blue Origin, CEO & Founder of Deep Space Initiative</div>
	<div>PANEL</div> <div>RoboNomics: shaping a cross-sector future of productivity, profitability, safety, and sustainability</div>	<div>PRESENTATION</div> <div>Creating a new category in space-tech – opportunities and challenges</div> <div>Shankar Sivaprakasam </div> <div>Founder – Earth Eye Space</div>	<div>PRESENTATION</div> <div>NASA guest presentation</div>
	<div>PRESENTATION</div> <div>HelioSwarm Mission science and technical overview</div> <div>Dr Butler Hine </div> <div>Program Manager – HelioSwarm, NASA</div>	<div>PANEL</div> <div>The journey to commercialisation</div>	<div>PRESENTATION</div> <div>Bridging the space talent roadmap from passion to innovation</div> <div>Lynette Tan </div> <div>CEO – Space Faculty</div>
	<div>PRESENTATION</div> <div>Development of autonomous remote construction systems adaptable to the construction environment – application of next-generation construction system for space</div> <div>Shintaro Komatsu </div> <div>Associate Senior Researcher – Kajima Technical Research Institute</div>	<div></div> <div>Startup pitches</div>	<div>PANEL</div> <div>Education and workforce development</div>
1.15pm – 2.15pm	LUNCH		
	ROBOTICS & AUTONOMOUS SYSTEMS BALLROOM 1	START UPS & PITCHES BALLROOM 2	EDUCATION & WORKFORCE DEVELOPMENT GOLDSWORTHY / HAMERSLEY
2.15pm – 3.45pm	<div>PRESENTATION</div> <div>Extending the role of multiphysics engineering simulation from the space industry into mining, robotics and agriculture</div> <div>Derik Cloete  </div> <div>Senior Engineering Solutions Manager – LEAP Australia</div> <div>Bennett Freck </div> <div>Application Engineer – LEAP Australia</div>	<div>PANEL</div> <div>Innovation and sustainability opportunities with Japan</div> <div>MODERATOR</div> <div>Masashi Sato </div> <div>Director and COO – SPACETIDE, Principal – ispace</div>	<div>PRESENTATION</div> <div>Universities as launch pads: the role of academia in a nascent space economy</div> <div>Danail Obreschkow </div> <div>Astrophysicist & Head of the International Space Centre – UWA</div>
	<div>PANEL</div> <div>Opportunities in autonomous operations across space, mining, agriculture and critical infrastructure</div>	<div></div> <div>Startup pitches</div>	<div>PRESENTATION</div> <div>The Australian Academy of Science decadal plan for space: recommendation for a Program of Space Science Missions</div> <div>Professor Phil Bland </div> <div>Director, Space Science and Technology Centre – Curtin University</div>
	<div>PRESENTATION</div> <div>Free-space optical communications, positioning, and timing for next-generation remote operations in space and on Earth</div> <div>Associate Professor Sascha Schediwy </div> <div>Principal Research Fellow – International Centre for Radio Astronomy Research (ICRAR) – International Space Centre – University of Western Australia</div>	<div>PRESENTATION</div> <div>Building a thriving ecosystem – learnings from the United Kingdom</div> <div>Alan Brunstrom </div> <div>Former ESA Applications Ambassador</div>	
	<div>PRESENTATION</div> <div>Our remote operations journey for Pluto LNG – communication links, automation and robotics</div> <div>Shawn Fernando </div> <div>Remote Operations Manager – Woodside Energy</div>	<div>PRESENTATION</div> <div>Leveraging cross sector innovation: a path to business growth</div> <div>Daria Filichkina </div> <div>COO – AstroAgency</div>	<div>PRESENTATION</div> <div>Reusing materials on Earth for space</div> <div>Paul Williams </div> <div>Founder & Managing Director – Black Arrow Space Technologies</div>
3.45pm – 4.15pm	AFTERNOON TEA		
	PLENARY BALLROOM		
4.15pm – 5.15pm	<div>PRESENTATION</div> <div>Australia and Artemis: Maximising the local benefit from humanity’s next big endeavour – how our next space endeavours will benefit the future of on-Earth industry</div> <div>Aude Vignelles </div> <div>Chief Technology Officer – Australian Space Agency</div>		
	<div></div> <div>Closing panel</div>		
5.30pm – 6.30pm	NETWORKING DRINKS		

BOARDROOM – EDUCATION WORKSHOP

PROGRAM OVERVIEW

Sunday 22 October 2023

- Evening welcome reception
5.30pm – 7.30pm
The Rooftop
The Art Gallery of Western Australia

Monday 23 October 2023

- Plenary sessions
- Concurrent sessions
- Evening networking drinks

Tuesday 24 October 2023

- Plenary sessions
- Concurrent sessions
- Evening networking drinks

Wednesday 25 October 2023

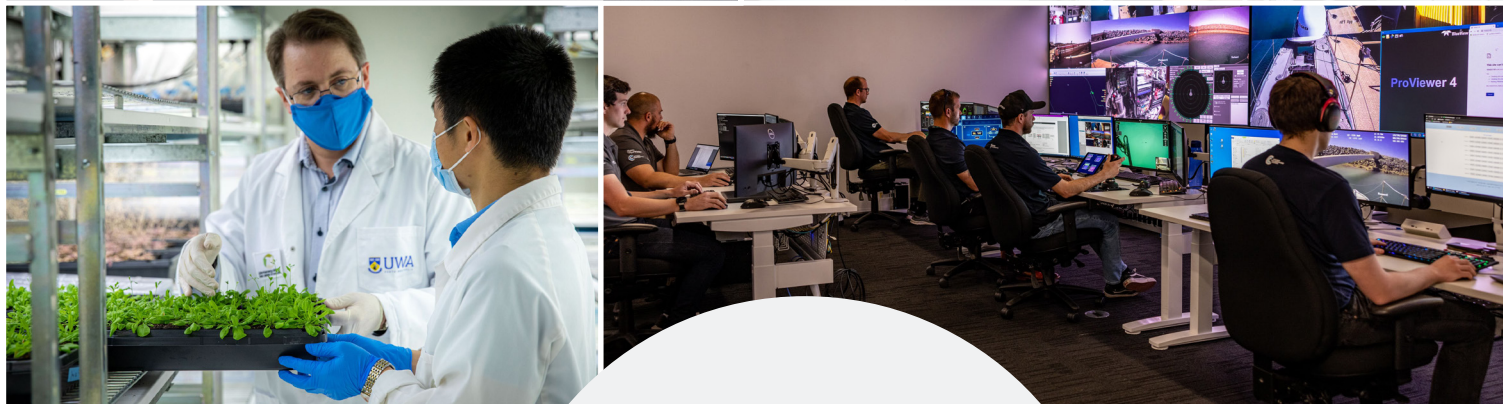
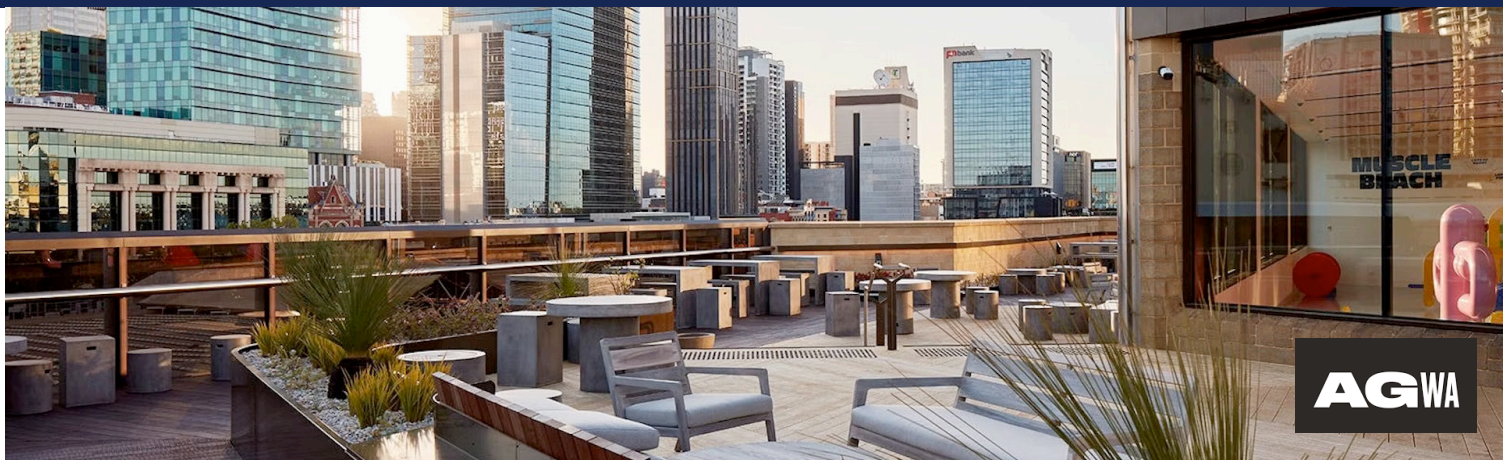
Optional – industrial site visits

- University of Western Australia
- Curtin University

Thursday 26 October 2023

Optional – industrial site visits

- Australian Automation and Robotics Precinct
- Fugro SpAARC (Australian Space Automation AI and Robotics Control Complex)



Other Opportunities

Meeting rooms for presentations

MOU announcements

Plenty of locations within
the hotel for interaction

Explore Perth and
Western Australia

