



# **A/AA GREENSKIES SUMMIT**

**TUESDAY, 6 DECEMBER**

**Brisbane Powerhouse**  
119 Lamington Street, New Farm QLD 4005

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A/AA Partners





# A/AA GREENSKIES SUMMIT

## 8.30am Arrival Tea & Coffee

### 9.00am WELCOME SUMMIT FACILITATOR

**Heidi Hauf**  
Regional Sustainability Lead, APAC  
/ Boeing Australia  
Chair, GreenSkies Committee  
/ Aviation/Aerospace Australia

### 9.05am WELCOME TO COUNTRY

**Songwoman Maroochy Barambah**  
Aboriginal Elder, Songwoman,  
and Law-woman of the Turrbal Tribe

### 9.25am CHAIR'S ADDRESS

**Sarah McSwiney**  
Chair  
/ Aviation/Aerospace Australia,  
Strategy & Operations Manager,  
Office of the Chief Engineer  
/ Boeing Defence Australia

### 9.30am OPENING ADDRESS

**Professor Bronwyn Harch**  
Queensland Chief Scientist, Department of  
Environment and Science  
/ Queensland Government

### 9.45am KEYNOTE

**John Wagner**  
Chairman  
/ Wagner Corporation

### 10.00am - 10.35am Panel: Energy carriers in decarbonising aviation

**Moderator: Heidi Hauf**  
Regional Sustainability Lead, APAC  
/ Boeing Australia  
Chair, GreenSkies Committee  
/ Aviation/Aerospace Australia

#### Panellists:

**Dr Adriano Di Pietro**  
Director, Aerostructures Innovation  
Research Hub (AIR Hub)  
/ Swinburne University of Technology

**David Doral**  
Co-Founder & Director  
/ Dovetail Electric Aviation

**Shahana McKenzie**  
Chief Executive Officer  
/ Bioenergy Australia

## 10.35am - 11.05am Morning Tea

### 11:10am - 11:50am Panel: Innovation in aerospace operations

**Moderator: Dr Adriano Di Pietro**  
Director, Aerostructures Innovation  
Research Hub (AIR Hub)  
/ Swinburne University of Technology

#### Panellists:

**Henry Bilinsky**  
Founder & Chief Executive Officer  
/ MicroTau

**Dr Nicolette Gan**  
Research Engineer  
/ Boeing Research & Technology

**Ben Luther**  
Senior Test & Evaluation Engineer  
/ Nova Systems

### 11.55am - 12.15pm Case Study: Standardising airspace emissions performance measurement

**Hugh Rodrick**  
AIR Lab Deputy Director & Chief Product Owner  
/ Thales Solutions Asia

### 12.20pm - 12.55pm Panel: Future sustainable workforce

**Moderator: Karina Finlayson**  
President of Monash Aerospace and  
Mechanical Engineering Club  
/ Monash University

#### Panellists:

**Gordon Chakaodza**  
Director of Victorian Hydrogen Hub (VH2)  
/ Swinburne University of Technology

**Denise Dunn**  
Head of Department - Senior Schooling &  
Partnerships  
/ Aviation High School

**Associate Professor Paul Harpur**  
TC Beirne School of Law  
/ University of Queensland Law School  
ARC Future Fellow Affiliate  
/ Harvard Law School Project on Disability &  
2022 Blind Australian of the Year

**Lea Vesic**  
Director Aviation Academy  
/ RMIT University  
Non-Executive Director  
/ Aviation/Aerospace Australia

## 1:00pm - 1:45pm Lunch

### 1:50pm - 2:25pm Panel: Space in sustainability

**Moderator: Xiaoyu Wu, Ph.D.**  
Lecturer, Griffith Aviation, School of  
Engineering and Built Environment  
/ Griffith University

#### Panellists:

**Dr Doris Grosse**  
Research Scientist and Mission Specialist  
/ The Australian National University

**Nick Lindsay**  
Chief Operating Officer / Hypersonix

**Rosie Wall**  
Head of Corporate Operations  
/ Gilmour Space Technologies

### 2:30pm - 3:05pm Panel: Advanced air mobility

**Moderator: Sara Hales**  
Managing Director  
/ Hales North

#### Panellists:

**Reece Clothier**  
Global Regulatory Strategy, Product &  
Services Safety  
Boeing & President  
/ Australian Association for Uncrewed  
Systems

**Bruce Connolly**  
Manager Investment & Transition, Regional  
City Strategy & Transition  
/ Latrobe Regional Airport

**Tom Caska**  
Co-Founder & Chief Executive Officer  
/ Aerologix

## 3.05pm - 3.20pm Afternoon Tea

### 3:25pm - 3:45pm Case Study: Sustainable aviation fuels: The case for investment

**Stephen Forshaw**  
Chief Representative - Australia,  
New Zealand & the Pacific  
/ Airbus

### 3:50pm - 4:25pm Panel: Sustainable airport ecosystems

**Moderator: Sabina Todd**  
Regional General Manager and Vice  
President of APAC  
/ Envirosuite

**Jessica Rudd**  
Sustainability Manager  
/ Brisbane Airport Corporation


**Paul Ferguson**  
Chief Executive Officer  
/ Moorabbin Airport Corporation

**Len Parker**  
Senior Associate  
/ Architectus

### 4:25pm - 4:30pm CLOSING REMARKS

**Shannon O'Hara**  
Deputy Chair, GreenSkies  
Non-Executive Director  
/ Aviation/Aerospace Australia  
Senior Legal Counsel - Aviation  
/ QBE Insurance Australia Pacific

## 4.45pm - 5.45pm Networking Drinks

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The Association is an independent, not-for-profit membership based organisation whose primary aim is to contribute to the long-term health of the Australian aviation & aerospace industries.

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## Aviation/Aerospace Australia GreenSkies

GreenSkies is an initiative by Aviation/Aerospace Australia to promote action on sustainability in the aviation, aerospace, and space sectors in Australia. GreenSkies aims to bring together leading organisations to facilitate solution-focused discussions, collaborations, projects, events, and networking opportunities.



## INDUSTRY SPEAKERS



### SUMMIT FACILITATOR

**Heidi Hauf | Regional Sustainability Lead, APAC at Boeing Australia & Chair, GreenSkies Committee at Aviation/Aerospace Australia**

Heidi was appointed to the role of regional sustainability lead in January 2021, where she leads Boeing's sustainable aviation activity including policy advocacy, informing strategy and technical roadmaps. Heidi works to build Boeing Australia sustainability capability as well as develop partnerships in support of aerospace sustainable goals across APAC. Heidi also chairs industry groups driving collaborative approaches, including the Sustainable Aviation Fuel Alliance of Australia and New Zealand and Aviation/Aerospace Australia GreenSkies.

After starting her career as an intelligence officer in the Australian Army, Heidi left defence and has worked on systemic sustainability issues across public services, natural resource management and corporate strategy. She has advised business leaders, developed corporate sustainability strategies and shaped government policy in regional Australia, Asia, East Africa, Europe and the UK.



### KEYNOTE SPEAKER

**John Wagner | Chairman at Wagner Corporation**

John has extensive executive experience, leading global companies across diversified industries from Carbon Saving Concrete to Airports. He is widely known for his profound business insight, which has led him to grow Wagners, a now publicly listed multinational construction materials company.

Hailing from a family of intrepid entrepreneurs, John founded "Wagners" in Toowoomba together with his Father Henry and brothers Denis, Neill and Joe in 1989. Today, Wagners is one of Queensland's largest construction materials and mining services companies with an extensive footprint in domestic and international projects. John currently sits on the Board as a Non-Executive Director.

Currently, John is the Chairman of Wagner Corporation, a family-owned, Australian property, infrastructure development, investment and asset management company. Wagner Corporation owns and operates the Toowoomba Wellcamp Airport, Wellcamp Business Park and the Pinkenba Wharf on the Brisbane River. With over 30 years of experience in the construction materials industry, John's innate ability to negotiate, coupled with his vision for growth, has directly contributed to the further development of the Toowoomba Wellcamp Airport valued at \$200 million,



### CHAIR'S ADDRESS

**Sarah McSwiney | Chair at Aviation/Aerospace Australia & Strategy & Operations Manager, Office of the Chief Engineer at Boeing Defence Australia**

Sarah McSwiney is the Senior Manager of Strategy and Operations for the Office of the Chief Engineer at Boeing Defence Australia. Prior to this Sarah held various engineering and management roles for the past 16 years at Boeing, most recently as the Composites Technology Manager at Boeing Research and Technology Australia, leading a team in Resin Infusion material and process development and helping guide the Enterprise Resin Infusion Roadmap.

Sarah previously led the liaison engineering team across all programs at Boeing Aerostructures Australia, and prior to that she worked as a design engineer and an liaison Engineer both in Melbourne and Seattle.

A graduate of the Australian Institute of Company directors, Sarah is also the Deputy Chair of Kilvington Grammar and is on the industry advisory boards for Aerospace Engineering at both Monash and RMIT Universities.

# INDUSTRY SPEAKERS



**Henry Bilinsky**  
**Founder & Chief Executive Officer**  
**/ MicroTau**

Henry Bilinsky is the Founder and CEO of advanced manufacturing company MicroTau, which prints nature's surfaces to solve human problems. Henry invented MicroTau's Direct Contactless Microfabrication technology ("Nature's 3D Printer") that can replicate microscopic patterns found in nature that have useful properties, including the drag-reducing microstructure of shark skin.

MicroTau is developing a shark-skin inspired 'riblet' product that can improve operational efficiency of aircraft by up to 10% and delivers corresponding reductions in fuel consumption and CO2 emissions. This product has applications in sustainable aircraft technology as it enhances the aerodynamic efficiency of the aircraft exterior, improving range and performance.

As MicroTau's CEO, Henry has worked with the US Air Force, the US Navy, and some of the world's largest aviation OEMs and operators



**Tom Caska**  
**Co-Founder & Chief Executive Officer**  
**/ Aerologix**

Tom is the Co-Founder and CEO of Aerologix. Tom has worked in the Aviation/unmanned aerial domain for more than 18 years for companies such as Qantas and Hawker Pacific before founding and managing his first drone venture Aerolens.

Tom has a strong technical background in aviation, having completed his aviation degree from UNSW in 2007 before completing his full Airline Transport Pilot License in 2014, which he would then use to log over 3,500 hours on high-capacity transport aircraft. He also holds a Master of Business Administration from UNSW, where he would meet his co-founder Rakesh.

Tom also lectures at UNSW, teaching unmanned flight subject matter and holds a position on a government sub-committee dedicated to developing rules and regulations for unmanned aerial vehicles. He is also a tech council of Australia affiliate member - working with industry and government bodies advising on technology to support the community.



**Gordon Chakaodza**  
**Director of Victorian Hydrogen Hub (VH2)**  
**/ Swinburne University of Technology**

Gordon Chakaodza is Director of the Victorian Hydrogen Hub (VH2) at Swinburne University of Technology. He specialises in bringing together industry, research, community, and government to undertake transformative work in the development and adoption of new technologies. To date, Gordon has worked in senior leadership roles across multiple sectors in both Australia and overseas.

Working closely with the VH2 team, industry partners as well as Swinburne academic staff, Gordon and team have launched and operationalised the VH2 program with a goal of making it a nationally recognised centre of hydrogen development excellence.

# INDUSTRY SPEAKERS



**Reece Clothier**  
**Global Regulatory Strategy,**  
**Product & Services Safety**  
**/ Boeing**  
**President**  
**/ Australian Association for Uncrewed**  
**Systems**

Dr Reece Clothier is the President of the Australian Association for Uncrewed Systems, Honorary Associate Professor at RMIT University, Principal Strategist for Boeing. Reece has a Bachelor Degree in Engineering (Aerospace Avionics) and PhD in the design and certification of Uncrewed Aircraft Systems (UAS).

Since 2005, Reece has played a key role in national and international forums shaping the regulation of the UAS and advanced air mobility (AAM) sector. Dr Clothier currently holds positions on the CASA Aviation Safety Advisory Panel, is a member of the National Emerging Aviation Technology Consultative Committee, and currently serves on the General Aviation Advisory Network, which directly advises the Federal Minister of Transport and Infrastructure.

Reece is a founding board member and the elected President of the Australian Association for Uncrewed Systems, the peak national industry association for the drone and advanced air mobility sector in Australia. Reece is a Principal Strategist within Boeing's Global Safety and Regulatory Affairs team, where he supports the development and execution of Boeing's global regulatory strategy.



**Bruce Connolly**  
**Manager Investment & Transition,**  
**Regional City Strategy & Transition**  
**/ Latrobe Regional Airport**

Bruce is the Manager for Economic Investment and Transition at Latrobe City Council. His division encompasses trade and investment, new industry development and diversification. He is also responsible for the development of the Latrobe Regional Airport.

The Latrobe Regional Airport has developed an aerospace innovation precinct and is working closely with the Victorian State Government, key universities and industry to develop advanced air mobility and support industry at the precinct. Development, testing and trialling infrastructure for electric and hydrogen aircraft, eVTOL and drones are key areas of focus.

Bruce was awarded the 2022 Economic Development Australia Peter Chaffey Leadership Award in October and has studied economic development in several countries, most recently completing an Innovations in Economic Development program at the Harvard University Kennedy School of Government. He has worked in the United States of America and New Zealand on economic development projects and is an ongoing member of the International Economic Development Council.



**David Doral**  
**Co-Founder & Director**  
**/ Dovetail Electric Aviation**

Innovative aerospace leader with more than 25 years of international experience, running multimillion engineering companies, R&D programs, manufacturing plants and business units.

David started his career as an airframe engineer working on the development of aircrafts for Boeing and Airbus, and in the last decade has held C-executive positions at different aerospace companies, in Europe and more recently with Quickstep in Australia.

David is a true believer in the disruptive power of electrification as the best option to bring zero emissions to aviation.



# INDUSTRY SPEAKERS



**Denise Dunn**  
**Head of Department - Senior Schooling and Partnerships**  
**/ Aviation High School**

As Head of Department Senior Schooling and Partnerships, Denise Dunn manages the academic and vocational pathways for Years 10, 11 and 12 at Aviation High School in Brisbane Queensland.

She won the 2018 Gateway to Aerospace Industries Teacher Excellence Award and participated in Space Camp during July 2019 in Huntsville, Alabama USA. Denise is a member of the Aerospace to Industries Steering Committee and is passionate about helping young people step into their first career.



**Dr Adriano Di Pietro**  
**Director, Aerostructures Innovation Research Hub (AIR Hub)**  
**/ Swinburne University of Technology**

Dr. Adriano Di Pietro has over 15 years of international experience in advanced technology development both in aerospace and automotive. As a qualified engineer, passionate about leading high performing teams, Adriano completed a PhD in lightweight composite material manufacturing. He has won several commercialisation, innovation, and entrepreneurship awards; including Defence Innovation Awards, JEC Innovation, Innovation ACT and the John Heine Challenge.

Adriano is the inventor on 3 autonomous systems patents was previously Chief Technology Officer of XTEK Limited, an Australian ASX listed SME defence & space company; was a Senior Engineering Manager at Zoox Inc., a leading Silicon Valley autonomous vehicle company; and, R&D Program Manager at Quickstep Technologies, Australia's leading independent aerospace composites manufacturer.

Adriano launched the Aerostructures Innovation Research Hub (aka AIR Hub), funded by the Victorian Government and hosted by Swinburne University, in October 2021 to support Australia's aerospace industry competitiveness and accelerate an Australian AAM eco-system.



**Karina Finlayson**  
**President of Monash Aerospace and Mechanical Engineering Club**  
**/ Monash University**

President of Monash Aerospace and Mechanical Engineering Club at Monash University

Karina Finlayson is a fourth year Aerospace Engineering and Science student, and the President of the Monash Aerospace and Mechanical Engineering Club for 2021 and 2022.

Within this role, they have worked to develop strong connections with industry, running 3 industry nights with over 150 students in attendance at each. Karina is passionate about diversity in Aerospace Engineering, advocating for women and non-binary students in the field in addition to promoting the Aerospace degree to the next generation.

# INDUSTRY SPEAKERS



**Paul Ferguson**  
**Chief Executive Officer**  
**/ Moorabbin Airport Corporation**

With over 23 years of experience in airport senior management roles, Paul has been CEO of Moorabbin Airport since 2011.

Sustainability is a core value at Moorabbin Airport. We have achieved carbon neutrality, 100% renewable energy use and 2MW of solar installation. We are delivering certified 5 Star Green Star facilities and our first mass timber facility (in lieu of steel) has been approved. We are on track to be airport carbon accredited in 2023 and have net zero carbon emissions by 2025.

Previous roles include Deputy CEO of three general aviation Sydney Basin Airports and a member of the executive committee of Sydney Airport.

Paul is a member of aviation industry advisory committees for RMIT University and Swinburne University. Paul is a past Director of the Australian Airports Association, a member of the Australian National Aviation Museum and is a Rotarian and an Interplast supporter



**Stephen Forshaw**  
**Chief Representative**  
**/ Airbus in Australia, New Zealand, and the Pacific**

Stephen joined Airbus in 2022 as Chief Representative and Head of Country, Australia, New Zealand and the Pacific. He is responsible for representing Airbus at a corporate level, covering all the business divisions: Commercial, Helicopters, Defence & Space.

He also sits on the Airbus Asia Pacific Leadership Team. Prior to Airbus, Stephen was the Global Head of Public Affairs and Internal Communications, and Managing Director Australia & New Zealand, for Temasek, the Singapore Government owned investment company.

He has held previous senior regional and global communications roles with Microsoft and Singapore Airlines and was Chief of Staff to the Deputy Chief Minister of the Australian Capital Territory. He spent five years working for QANTAS in a customer service role early in his career.



**Dr Nicolette Gan**  
**Research Engineer**  
**/ Boeing Research & Technology**

Dr. Nicolette Gan is a Research Engineer with Boeing Research & Technology – Australia, Melbourne. She has been part of both the materials development and fabrication automation teams that designs and develops future technologies for future planes across the Boeing Company. Dr. Gan is also the vice-chair of the pride group at Boeing Australia, and is part of the diversity and inclusion council at BR&T.

Prior to Boeing, Dr. Gan helped bring in Trent 1000 assembly capabilities at Rolls Royce Singapore and worked on the design and development of the air-conditioning unit for the Porsche Panamera G2 at DENSO Automotive in Germany.

Academically, Nicolette received her PhD in Engineering from RMIT University studying the influence of external magnetic fields on two-phase ferrofluidic plug flow for enhanced thermal performance in super microchips; and has a background in Aerospace Engineering.

# INDUSTRY SPEAKERS



**Dr Doris Grosse**  
**Research Scientist & Mission Specialist**  
**/ The Australian National University**

Dr. Doris Grosse is a research scientist specialising in adaptive optics with the Advanced Instrumentation and Technology Centre (AITC) at the Australian National University (ANU) Research School of Astronomy and Astrophysics.

Doris received her PhD from the Faculty of Electrical Engineering and Information Technology of the Ruhr-University Bochum in Bochum, Germany, where she worked as a research assistant with the Photonics and Terahertz Technology research group. She joined the Adaptive Optics group at the ANU AITC for her first postdoctoral research position in 2016 and has been developing an adaptive optics system within the scope of the Space Environment Research Centre, an Australian government funded Cooperative Research Centre for the measurement, monitoring, analysis and management of space debris.

She is currently working on the establishment of an Optical Communication Ground Station and other telescope instrumentation for the purpose of atmospheric site testing and space debris characterisation.



**Sara Hales**  
**Managing Director**  
**/ Hales North**

Sara has been working in aviation since 2013 and is a recognised thought leader and strategist. Today, Sara provides strategic and commercial advice to airports and government, with particular focus on air freight development. Sara is passionate about the role aviation plays in communities, supporting sustainable social and economic outcomes for people everywhere. She leverages her deep understanding of commercial drivers in the aviation sector to support conversations around commercialisation of advanced air mobility in Australia.



**Associate Professor Paul Harpur**  
**TC Beirne School of Law**  
**/ The University of Queensland Law School**  
**ARC Future Fellow, Affiliate**  
**/ Harvard Law School**  
**Project on Disability & 2022 Blind Australian of the Year**

Dr Paul Harpur is an Associate Professor at the TC Beirne School of Law, the University of Queensland, an Australian Research Council Future Fellow, Affiliated with the Harvard Law School Project on Disability, chairs the UQ Disability Inclusion Group, is a guide dog user, and former Fulbrighter, Deaf Paralympian and lawyer.



# INDUSTRY SPEAKERS



**Professor Bronwyn Harch**  
**Queensland Chief Scientist, Department**  
**of Environment and Science**  
**/ Queensland Government**

Professor Bronwyn Harch was appointed the interim Queensland Chief Scientist in October 2022.

With a background in statistics and data science, Professor Harch has significant research and innovation leadership experience. She comes to the position having recently held the role of the Deputy Vice-Chancellor and Vice-President (Research and Innovation) for The University of Queensland.

Professor Harch has also held key leadership roles at both QUT and CSIRO.

She holds a Bachelor's Degree in Science (with Honours) in Australian Environmental Studies, a Graduate Diploma in Secondary Teaching and a PhD in biometrics.

Born in Queensland, Professor Harch is passionate about scientific and innovation endeavours that make our communities more secure, resilient and sustainable.

Professor Harch currently serves on several Australian and Queensland boards and advisory committees relating to science and innovation including the Federal Government Co-operative Research Centre Advisory Committee and the Queensland Government Innovation Advisory Council and was elected a Fellow of the Australian Academy of Technological Sciences and Engineering in 2015.



**Nick Lindsay**  
**Chief Operating Officer**  
**/ Hypersonix**

Nick Lindsay is an Aerospace Engineer and former US Navy Lieutenant Commander with experience as a Naval Aviator and Engineering Officer.

In parallel with his Naval Reserve career, he spent over 9 years working at SpaceX on the Dragon spacecraft, ultimately serving as the Director of Spacecraft Manufacturing. He moved to Australia in 2019 and spent 3 years at Gilmour Space, helping to grow the team from 30 employees to almost 180 and prepare the Eris launch vehicle for launch next year.

Nick has recently moved into the COO role at Hypersonix, where his focus will be on developing Green scramjet engines and hypersonic aircraft.



**Ben Luther**  
**Senior Test & Evaluation Engineer**  
**/ Nova Systems**

Ben previously served as operational and then flight-test aircrew in the RAAF before being recruited to Gulfstream to establish a flight test safety management system for developmental technologies. There he also led flight test teams to achieve FAA Part 25 certification of new aircraft. Today he is a senior T&E consultant for Nova Systems.

Ben leads teams to provide operational assurance of technical systems capability. With experience working across international, military, industry, and academic cultures, Ben works with technology programs to achieve commercial and operational outcomes, without stifling the innovation. With an understanding of the underlying technologies and systems, aligned to operational outcomes, he has held and exercised go/no-go authority on consequential test of complex systems.

# INDUSTRY SPEAKERS



**Shahana McKenzie**  
**Chief Executive Officer**  
**/ Bioenergy Australia**

Shahana is the founder of the Sustainable Aviation Fuel Alliance of Australia and New Zealand (SAFAANZ). The purpose of the SAFAANZ is to create a collaborative environment to advance sustainable aviation fuel production, policy, education and marketing in Australia and New Zealand. In order to accelerate:

- the development of a new industry in Australia and New Zealand that will create jobs and benefits for the Australian and New Zealand economy
- the availability of a commercially viable and environmentally sustainable supply of low carbon fuels for aviation in Australia and New Zealand
- the implementation of the right environment (policy settings, market incentives etc) in order for the sustainable aviation fuel industry to become successful

Shahana is the CEO of Bioenergy Australia. She joined Bioenergy Australia in August 2017 and is committed to driving growth in the Bioenergy sector and advocating for Bioenergy as a key renewable energy solution for the future.



**Shannon O'Hara**  
**Deputy Chair, GreenSkies &**  
**Non-Executive Director**  
**/ Aviation/Aerospace Australia**  
**Senior Legal Counsel – Aviation**  
**/ QBE Insurance Australia Pacific**

Shannon O'Hara is the Senior Legal Counsel to the Aviation Team at QBE Insurance Australia Pacific (QBE). In this role she partners with the aviation underwriting, industry development and aviation claims teams to efficiently assess and provide legal guidance on underwriting risk exposures, aviation litigation and claims strategies and general insurance law matters affecting the aviation business.

Prior to joining QBE Insurance in February 2019, Shannon worked in private legal practice for 14 years specialising in Australian and international aviation law with a particular focus on aviation insurance and litigation.

Shannon is a Director, and current President, of the Aviation Law Association of Australia and New Zealand (ALAANZ), she sits on the Board of the Australian Helicopter Industry Association (AHIA) and is the National Corporate Membership Chair for Women in Aviation International, Australian Chapter. In 2020, Shannon was appointed by then Deputy Prime Minister, Michael McCormack to the Future of Aviation Reference Panel



**Len Parker**  
**Senior Associate**  
**/ Architectus**

Len is a Senior Associate with Architectus and has over 20 years' experience in the design and documentation of highly technical projects including airports, laboratories, healthcare, educational and pharmaceutical production facilities.

He has been involved in the design and delivery of significant projects across a number of major Australian Airports, including Melbourne, Sydney, Western Sydney, Brisbane and the Sunshine coast. Most recently Len has been leading teams in the design stages of key projects for both Brisbane and Sunshine Coast Airport's.



# INDUSTRY SPEAKERS



**Hugh Rodrick**  
**AIR Lab Deputy Director & Chief Product Owner**  
**/ Thales Solutions Asia**

Hugh is a founding member of AIR Lab & a 25-year veteran of the ATM industry. He is the AIR Lab's driving force behind innovation & value creation in ATM systems through exploitation of latest technologies and open architectures.

Throughout his 35-year career Hugh has focused on distributed systems architectures, leading design and implementation of safety critical systems for industries such as Oil & Gas extraction, Mining, Petro-Chemical processing, Pharmaceutical manufacturing, Telecommunications and of course Air Traffic Management.

Hugh holds a Bachelor of Applied Science from the Swinburne University of Technology, with specialization in process automation and computer science, and over his 25-year tenure with Thales he has served in many engineering roles. Immediately prior to joining AIR Lab he served as the Technical Director for Thales AMS Australia, leading the design authority and innovation teams for delivery of programs to ANSPs throughout Asia.



**Jessica Rudd**  
**Sustainability Manager**  
**/ Brisbane Airport Corporation**

Jessica is an experienced sustainability professional who is passionate about embedding sustainability into an organisations activities and culture. As the Sustainability Manager at Brisbane Airport Corporation, Jess is responsible for developing BAC's long-term sustainability strategy and initiatives which focus on decarbonisation, circular economy, climate change and social sustainability.

Prior to BAC, Jessica developed the Port of Brisbane's sustainability strategy and agenda.



**Sabina Todd**  
**Regional General Manager and Vice President of APAC**  
**/ Envirosuite**

Sabina Todd is the Regional General Manager for Asia Pacific at Envirosuite, an Australian enviro-tech company with the world's most advanced environmental intelligence platform for the aviation, waste, wastewater, water treatment, mining and industrial sectors.

She has a broad technical background and has worked across government, consulting and for large and small multinational organisations covering environmental impact and contamination, water and wastewater treatment and industrial technologies.

Sabina's mission is to improve sustainable outcomes for the planet and our people. She believes technology has a key role to play in this. Sabina is an advocate for working collaboratively to solve problems by bringing the world's leading technologies into an ecosystem that can solve multiple problems at a time.

# INDUSTRY SPEAKERS



**Lea Vesic**  
**Director Aviation Academy**  
**/ RMIT University**  
**Non-Executive Director**  
**/ Aviation/Aerospace Australia**

Lea is a commercial, multi engine Command Instrument Rated pilot, and has worked in the public and private sectors, internationally and in Australia. Her experience across the aviation sector covers many disciplines, having worked in flight operations, business development and sales, aviation training, policy development and strategic management. Most recently, Lea was appointed Senior Aviation and Maritime Advisor for the Deputy Prime Minister, Hon Michael McCormack, providing advice and oversight of policy and regulatory design and implementation, particularly in the context of the Federal COVID-19 pandemic response.

Lea is the Director Aviation Academy at RMIT University and holds a Diploma of Flight Operations, a Commercial Pilot's License and Multi Engine Command Instrument Rating. As well as certificates in Lead Auditing, Risk Management and currently undertaking a CASA Flight Instructor Rating.



**Rosie Wall**  
**Head of Corporate Operations**  
**/ Gilmour Space Technologies**

Originally an environmental lawyer, coming via Rocket Lab, Rosie Wall has been with the Gilmour Space team since 2020. In her role as Head of Corporate Operations, she's responsible for Legal, Governance, and some other administrative functions of the company.

Since joining the company 2 and a half years ago, it's grown from a 40- to a 175- person strong team, raised an additional \$60+ million in venture capital, and a similar amount of non-dilutive grant capital.

Rosie is passionate about responsible use and occupation of space, and how we balance these ethical obligations with encouraging trail-blazing space companies to push the envelope, attempt the impossible, and elevate human potential.



**Xiaoyu Wu, Ph.D.**  
**Lecturer, Griffith Aviation, School of**  
**Engineering and Built Environment**  
**/ Griffith University**

Xiaoyu Wu received his Ph.D. from Saint Louis University (U.S.) in 2018. He worked as an assistant professor at Bowling Green State University (U.S.) and joined Griffith University as a lecturer in 2020. His research focuses on the application of machine learning in the aviation industry, such as pilot performance evaluation, A.I. assistant, etc.

He is also a pioneer in promoting human-wildlife coexistence in airspace management. The Australian Aviation Wildlife Hazard Group has acknowledged his work utilizing weather radar signals to evaluate bird strike risks. He received a commendation award from AAWHG in 2022.

He is also a winner of the 2020 Wright Brothers Medal. In 2022, he was acknowledged as a finalist for Young Australian Aviator of the year for his efforts in bridging the communication gap within aviation academic communities.