



**ROYAL
AERONAUTICAL
SOCIETY**
AUSTRALIAN DIVISION
SYDNEY BRANCH

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<https://www.facebook.com/groups/RAeSSydney/>

NEWSLETTER

**'Celebration of the Moon Landing: 50 years ago
and The Australian Space Agency – 1 year on'**

Speaker: **Anntonette Dailey, Executive Director
The Australian Space Agency**

Date: **Wednesday, 4th September, 2019**

Time: **18:00 hours** (sharp)

Venue: **Powerhouse Museum
500 Harris Street, Ultimo**

Please note:

**The 61st Sir Charles
Kingsford Smith
Memorial Lecture and
Annual Branch Dinner**

Early Bird Prices

Close 15th September

(Refer last page for details)



Profile: Anntonette (Anny) Dailey, Executive Director, Operations and Communications, Australian Space Agency is a chartered professional engineer and is responsible for the operations of the Agency, establishing its governance systems and ensuring it meets government requirements. In addition to managing the parliamentary interaction, finances and event management, Anny is also responsible for all communications for the Agency. Anny has the role of a traditional Chief Operating Officer, but is also responsible for implementing the forth pillar of the Strategy – 'inspiring a nation'.

As a chartered professional engineer, Anny graduated with honours at the University of Technology Sydney and took on a career in sustainability. Working across multiple government agencies as well as not for profits and consultancies, Anny brings more than 12 years' experience as a senior executive to the Agency.

Synopsis: The Australian Space Agency is now one year old and has released its ten year strategy, growing strong momentum in the industry. There is most certainly excitement about the future, as the Agency has a goal of tripling the size of the economy and creating a further 20,000 new roles by 2030. The presentation will outline where the Agency will be prioritising its activities, what it has already achieved and in particular the role of the Agency in inspiring a nation. It will also cover some of the infrastructure projects and the exciting work coming forward.

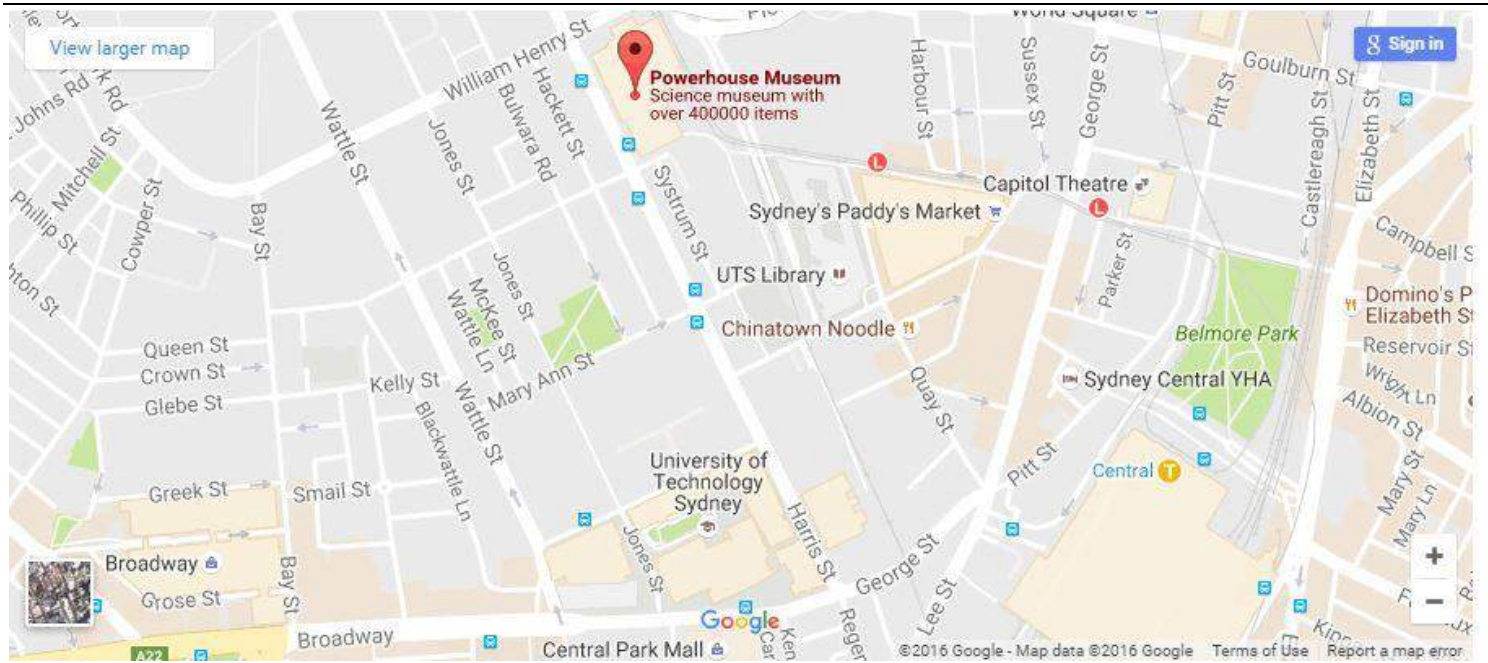


Agenda:

17:45 Hours	Registration Welcome tea & coffee
18:00	Conducted tour of the Apollo 11 Exhibition by the Apollo 11 curator
18:30	Presentation by Anny Dailey, Australian Space Agency
19:45	Q&A - Light supper (pizzas) to enable the speaker and attendees the opportunity to mingle and to continue discussions.

RSVP: Whilst MEMBER attendance is free - registration for the evening **is required**. Please register by clicking on/copying and pasting into your URL this link: raessept19.eventbrite.com.au Your registration will be confirmed by email. **Please print the email and present it at the door.** A 'Non-Member Fee' of \$10 applies and is payable via credit card. Any member who does not have access to the internet can send a letter to Mr Jeff Lock, 4 Hillcrest Place, North Manly NSW 2100 with your name (plus names of accompanying persons), membership number or state 'Friend' if you are a Friend of the Branch, and phone number.

Powerhouse Museum and Map: The Powerhouse Museum is close to Darling Harbour, Chinatown, Central Station (Sydney Terminal), Broadway bus station (Railway Square), and Exhibition Centre Sydney Light Rail Station. The 501 bus stops directly outside the Museum. For bus, train, Sydney Light Rail, and ferry timetables and routes either phone the Transport Information Line on 131500 or go to the [website](#).



Parking: There is limited metered street parking near the museum, located on Harris St, Macarthur St and adjacent streets.

Discounted parking: Powerhouse Museum has discounted parking options with the following providers: [Wilson Parking \(adjacent to Novotel Sydney Central\)](#), 179 Thomas Street, Haymarket Discounted \$15 all day parking is available for Powerhouse Museum visitors. To obtain the discount, your parking ticket must be validated at the designated machine located in the Museum shop before returning to the car park.

[Harbourside Car park](#), 100 Murray Street, Pyrmont. Phone 1800 PARKING (1800 727 5464)

Discounted \$14 all day parking is available for Powerhouse Museum visitors. To obtain the discount, your parking ticket must be validated at the designated machine located in the Museum shop before returning to the car park.

Closed Member Only Group on Facebook: Sydney branch is live video streaming our monthly branch lectures. Watch lectures live or at a later time, at the “RAeS - Sydney Branch - Members Only” group within Facebook. Please note that this service is only available to financial members of the Royal Aeronautical Society.

Past Newsletters are now stored on our website: Members are advised that all Sydney Branch Newsletters since February 2012 are now stored on our website. To access this information enter our web address (www.raes.org.au) into your browser, click ‘About’ then ‘Sydney Branch’ and scroll this page to the heading ‘Sydney Branch Newsletters’. Newsletters are arranged by month within each year heading.

Fifty Years After Apollo 11: The final article of the 50 day lead up to the 50th Anniversary of “Walking on the Moon’ 20th July, 1969 can be found here:

https://www.fastcompany.com/90379334/how-going-to-the-moon-changed-the-world-back-on-earth?utm_campaign=Compass&utm_medium=email&utm_source=Revue%20newsletter

The 50 articles were written by Charles Fishman, who is the author of One Giant Leap: The Impossible Mission That Flew Us To The Moon. His 50-part series, 50 days to the Moon, appeared between June 1 and July 20.

Society Merchandise for Sale: Sydney branch has a selection of Society Merchandise for sale at its regular monthly meetings. Items include Society Ties, Tee Shirts, Caps, Pins, Lapel Badges, Silver Kestrel Brooches, and Mugs.



Our Sales Director, David Adkins, accepts cash, cheques, and credit cards through PayPal.

Aerospace Websites: www.57rescuecanada.com : Follow Capt. Karl Kjarsgaard's adventures to recover Halifax bomber LW170 which is resting beneath 5000ft of water off the Irish coast;

www.adastron.com/707/updates/updates.htm : Diary of Boeing 707-138B XBA formally Qantas EBA.

www.airshow.com.au

www.atsb.gov.au

www.aviationmuseum.com.au - Temora Aviation Museum;

<http://boxkite2014.org/book/book.htm> - The Boxkite project.

https://en.wikipedia.org/wiki/Rolls-Royce_Trent;

hars.org.au Historical Aircraft Restoration Society

<https://herox.com/SpacePoop> The Space Poop Challenge

www.powerhousemuseum.com/whatson

<https://qfom.com.au/> Qantas Founders Museum, Longreach, Qld

<http://www.singaporeairshow.com/>

<https://www.youtube.com/watch?v=JGjmRRTThdk> How TIME created their new cover image with 958 drones

http://www.rbogash.com/B-52/B-52_Disassembly.html How to move a B-52 without flying it – The Final Disassembly and Transport Update for the move scheduled 3/6/2018 - with the wings split and the fuselage in final stages of prep before hitting the freeway.

<https://airandspace.si.edu/collection-objects/assembly-bio-harness-armstrong-apollo-11>

Diary: Sept 9-10: **The International Council of the Aeronautical Sciences (ICAS) Emerging Technology Forum (ETF)** will be held at RMIT University, Storey Hall, Melbourne. Digital transformation is changing the aerospace industry, including maintenance repair and overhaul (MRO), by increasing its speed, flexibility, agility and efficiency, greater integration, and with transparency at every point of the supply/support chain. Connectivity through the internet, embedded sensors, cloud computing, augmented reality, artificial intelligence, and blockchain transactions are just a few enabling technologies driving the industry in what is generally referred to as Industry 4.0. The aerospace industry is leading the revolution to enhance customer experience, redefine products/services and establish a value chain by effective collaboration between manufacturers, suppliers and customers. The tentative program is available under **Program**. For registration and payment please see the **Registration** page. For further details refer: <https://engineersaust.eventsair.com/icas2019>

Sept 22-27: 24th International Society of Air-breathing Engines (ISABE) Conference will be held in Canberra. For further details refer: <https://2019.isabe.org/>

Oct 8: **61st Sir Charles Kingsford Smith Lecture and Annual Dinner** – Refer two last pages for details.

Dec 4-6: Call for Abstracts - **11th Asia Pacific International Symposium on Aerospace Technology (APISAT)**, to be held at Surfers Paradise Marriott Resort, Gold Coast. The symposium provides the opportunity for industry engineers and researchers of universities and academic institutes from Asia-Pacific nations, to discuss the current and future advanced topics in aeronautical and space engineering. Professionals, young professionals, students, institutes, universities and organisations are invited to submit abstracts and share their experience under the technical streams listed below:

Aerodynamics and Design; Structures and Materials; Dynamics/Control/Avionics; and Combustion and Propulsion. Refer conference website: www.apisat2019.com

19 March 2020: International Eminent Speaker Program – 2020 to be delivered by Professor Ian Poll OBE FREng FCGI Hon FAIAA FRAeS, Emeritus Professor of Aerospace Engineering at Cranfield University and CEO of Poll AeroSciences Ltd. Further details to be advised.

2-3 May 2020: Wings over Illawarra – The Sydney Airshow - Immerse yourself in history as you wander through rare displays of vintage and classic aircraft including the fully-restored Super Constellation and record breaking Qantas 747 along with some beautifully restored WW2 fighters. In 2020 your entry ticket will once again include access to the Historical Aircraft Restoration Society aircraft that are open for inspection. To thank **the** supporters of the Wings Over Illawarra event **this year, Wol** are offering tickets for the 2020 event at half price - but be quick, they're only available for a limited time.



15-23 August 2020: 43rd Scientific Assembly of the Committee on Space Research (COSPAR) and Associated Events - COSPAR 2020 will be held in Sydney. Host Organization: Australian Academy of Science; Scientific Program Chair: Prof. Iver Cairns, University of Sydney, School of Physics. Abstract Deadline: **mid-February 2020**, The theme of the COSPAR 2020 Assembly is *Connecting Space Research for Global Impact*. More information can be found at www.cospar2020.org



23-28 February 2021: The Australian International Airshow will comprise industry-only trade exposition days from Tuesday 23 February to Friday 26 February, with public airshow and entertainment days from Friday 26 February to Sunday 28 February. AIRSHOW 2021 CEO Ian Honnery said the RAAF milestone, together with the 2020 Centenary of the formation of Qantas, means organisers are planning for an event that will eclipse Airshow records. For further details refer: www.airshow.com.au



March 31, 2021: Marks the Royal Australian Air Force 100 years as an independent service. For further details refer: airforce.gov.au/our-mission/air-force-2021

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The 61st Sir Charles Kingsford Smith Memorial Lecture and Annual Branch Dinner

When: **Tuesday, 8th October, 2019**

Time: **18:00 hours**

Speaker: **Mr Matt Hall**

One of the most tenacious and focused pilots in the Red Bull Air Race

Matt will discuss his life of flying including time with the Royal Australian Air Force and his participation in the Red Bull Air Races.

Venue: **The Refectory, Holme Building, Science Road, The University of Sydney**

Refer: www.google.com/maps/place/The+Refectory



This Prestigious Lecture and following Annual Branch Dinner is proudly sponsored by:



and



Rolls-Royce



Sir Charles Kingsford Smith MC, AFC

Born 9 February 1897 in Brisbane, Sir Charles Kingsford Smith was a renowned Australian aviator, known for being the first to complete a non-stop flight across the Australian main land and the first to complete a Trans-Pacific flight from the United States to Australia amongst his many achievements.



Biography: Mr Matt Hall is one of the most tenacious and focused pilots in the Red Bull Air Race and has stood on the second step of the World Championship podium three times in the past four seasons. After coming within three-tenths of a second of clinching the crown in 2018, Matt is pushing harder than ever to remain among the top contenders and close the gap to breakthrough for a maiden title. Matt is a third-generation pilot and his country's foremost aviator. He flew solo in a glider at age 15, got his pilot's license at 18, and has flown more than 6000 hours in various aircraft. A decorated former Wing Commander in the Royal Australian Air Force, he was named Fighter Pilot of the Year in 1997 and became a Fighter Combat (Top Gun) Instructor.

This Prestigious Lecture and Dinner is sponsored by:



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Dinner Dress: Black tie or lounge suit. The Committee looks forward to your company.

Please allow time for travel using public transport, traffic delays, parking, and walking to the venue for an 18:00 hours start. To register and make payment please click on/copy and paste into your URL this link: <http://raesks19.eventbrite.com.au> Your registration will be confirmed by email with an attached ticket. **Please print the ticket and present the ticket at the door.** Anyone who does not have access to the internet or prefers to pay manually by cheque/credit card can complete the form on the last page of this newsletter and send to The Dinner Secretary, Mr Jeff Lock, 4 Hillcrest Place, North Manly NSW.



