

AVIATION CULTURES MK.V CONFERENCE



25-28 MARCH 2021

ONLINE CONFERENCE PROGRAM

Aviation Cultures is an inclusive, online conference in which researchers and practitioners come together to share their knowledge and ideas of flight, and its place in history and society.

Very few technologies have increased mobility over long-distances as much as aircraft have, but we are currently living in a world that is less connected by air than it has been for decades. Yet aviation has faced serious challenges before.

AVIATION CULTURES
TAKING FLIGHT
KICK-OFF SOCIAL, MUSIC
& MEET-UP
THURSDAY 25 MARCH
17:00-19:00

AVIATION CULTURES

Mk.V CONFERENCE

OVERVIEW SCHEDULE



AVIATION CULTURES
TAKING FLIGHT
KICK-OFF SOCIAL, MUSIC &
MEET-UP
THURSDAY 25 MARCH
17:00-19:00

Notes: All times Melbourne time (UTC+11 / AEDT).

UK attendees please note: the UK will change from GMT to BST on the night of 27/28 March. To convert visit: www.timeanddate.com

Aviation Cultures is an inclusive space, and we celebrate diversity among our members. We welcome members of all genders and sexual orientations and we require tolerant and respectful behaviour on all our platforms.

Sessions link: www.crowdcast.io/e/acmkv

FRIDAY
26 MARCH

SATURDAY
27 MARCH

SUNDAY
28 MARCH

10:00-11:30
Early Career Networking
Meet-up - Tips & Tricks

12:00-13:00
Official conference opening
www.crowdcast.io/e/acmkv

13:00-15:00
SESSION 1
RAAF Centenary - International
and local perspectives

15:30-17:30
SESSION 2
Aviation Identities
Keynote: Wing Commander
Maz Jovanovich CSM, RAAF

19:00-21:00 SOCIAL
Aviation Historians at the
Movies with #HATMAus
'Flight Plan' (1950) & 'Victory
Through Air Power' (Disney, 1943)

9:00-10:00
Coffee Lounge

10:00-12:30
SESSION 3
Launching Places, Part 1
Keynote: Max Groot,
AirportHistory.org

13:00-15:00
SESSION 4
Aviation Collections
Keynote: Madelyn Shaw,
Smithsonian Institution (ret'd)

15:30-17:30
SESSION 5
Help From Above
Keynote: Frank Quinlan,
Royal Flying Doctor Service

17:30-18:30
Objects in 5 Minutes

19:30-21:30 SOCIAL
AEROTRIVIA with your hosts,
Phil Vabre and Geoff Goodall

9:00-10:00
Coffee Lounge

10:00-11:30
Blitz Papers
Part 1 to c.10:40
Part 2 11:00-11:30

11:30-13:00
CAHS Centenary Event
Live Stream from Essendon

13:30-15:30
SESSION 6
Launching Places, Part 2

15:30-16:00
Conference closing
Prize-giving & AvCultures Mk.VI

COFFEE, COCKTAILS
& CATCH-UP SOCIAL
THURSDAY 1 APRIL

AVIATION CULTURES Mk.V CONFERENCE

FRIDAY 26 MARCH



→ www.crowdcast.io/e/acmkv

10:00-11:30

Early Career Networking Meet-up

Pre-conference talks, discussion and advice for early career researchers and those in aviation-related fields.

12:00-13:00

Official conference opening

Conference opening presentations:

Greg Hood, Chief Commissioner & Chief Executive Officer, Australian Transport Safety Bureau

Air Commodore John Meier, Director General, History & Heritage Branch, RAAF

Conference co-organisers James Kightly and Phil Vabre.

Acknowledgement of Country - Essendon Airport

13:00-15:00

SESSION 1 - RAAF Centenary - International and local perspectives

Mark Clayton

Jaqueline Reid
Brad Manera

Simon Moody
Geoff Wong

Online extras:

Gordon Leith
Tom Lockley

- Problems of Plenty: The reconversion of the Royal Australian Air Force (RAAF) 1943 – 1949.
- RAAF Between the Wars
- Introducing the Centenary of the RAAF exhibition at the Anzac Memorial, Sydney
- Plans vs Politics: The development of Airpower in New Zealand, 1919-1937
- Roy Goon & the CAC Boomerang: A tale of multicultural diversity, 1940s style
- The RNAS / RAF career of Major John Osborn Galpin DSC, DFC.
- The Fairey IID in Australia

15:30-17:30

SESSION 2 - Aviation Identities

Keynote: Wing Commander Maz Jovanovich CSM, RAAF

Liz Millward
Dan Ellin
Alexander Smith
Emma Raven

Online extras:

Megan Kaisner
Nicole Thomas
Kathy Mexted

- The Class of Women Pilots in Interwar Britain
- Shining a Light on Gremlins
- Cultures of Remembrance: War, memory and the legacy of Bomber Command
- 'Schools to Skies': Access for girls to RNZAF careers
- 'The only female engineer on Albury airport'
- Woman with Wings – May Bradford Shepherd, pioneer aero engineer
- 'Australian Women Pilots' author: 'You can write, you can fly and you can take photos.'

19:00-21:00 SOCIAL

Aviation Historians at the Movies with #HATMAus

Get comfy and pull up the popcorn as we watch, Tweet and discuss about 'Flight Plan' (1950) & 'Victory Through Air Power' (Disney, 1943).



Speaker availability may change. Aviation Cultures Inc. reserves the right to modify this schedule without notice.

AVIATION CULTURES Mk.V CONFERENCE

SATURDAY 27 MARCH



→ www.crowdcast.io/e/acmkv

9:00-10:00 - Coffee Lounge

10:00-12:30

SESSION 3 - Launching Places, Part 1

Keynote: Max Groot, AirportHistory.org

Dominic Bush & Olga
Zakharova
Lisa Daly

- 'The 'Unsinkable Aircraft Carrier' That Never Was: Contextualizing the WWII Japanese Airstrip on Attu Island, Alaska, USA
- Sidney Cotton and Donald Bennett: How Australians Helped Shape Aviation in Newfoundland and Labrador
- For Want of a Concorde: Dreams of SST Flights to Australia in the 1970s
- Returning to Earth: Capsules, Enclosures, and Quarantine

13:00-15:00

SESSION 4 - Aviation Collections

Keynote: Madelyn Shaw, retired Curator of Textiles, Smithsonian Institution

Ashley Harrison & Tracy Ireland
Shaun I. Mackey

Nathalie Gochel
Nicole Thomas

- Aviation Aboriginalia: Australian Aviation's Search for Cultural Identity
- Landscapes of Flight: The Archaeology of Aviation and War in French Indochina, 1918-1945
- Extinction or Disruption? Visitor Engagement Strategies for Collections
- Museums Off the Radar: Aviation Heritage's Disconnection from the GLAM Sector

15:30-17:30

SESSION 5 - Help From Above

Keynote: Frank Quinlan, Federation Executive Director, Royal Flying Doctor Service

Bas Kreuger
Lucia Wallbank
Adrian Park
Jeff Schultz

Online extras:

Steve Death

- New Guinea Rescue 1944 – the Jungle Training Detachment in Action
- RAF Museum Archive Related to the Quetta Earthquake of 1935
- World Crisis Meets Aviation Identity: What Now is Essential?
- United Lethality: Allied Aerial Collaboration During the Battle of the Bismarck Sea, 1943
- The Fireboss in Action. A Firefighting Pilot's Insight

17:30-18:30

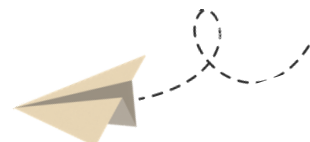
Objects in 5 Minutes

Annie Clarke & Sally Brockwell
Alistair Byford-Bates
Anna Gebels
Tom Lockley
Colin & Sean Welch
Peter Hobbins
Prudence Black

- Aviation Identities, Art from Arnhem Land: Aviation and Australian Aboriginal Art
- The Recovery of a Fairey Barracuda from the Solent off the Former RNAS Daedalus
- Unconventional Air Mail. 'HULLO MUM', Fairfax to Fairfax, 1945
- The Powerhouse Museum Aircraft Collection
- Anti-Diver Patrol: The Loss of Hawker Tempest EJ532
- "Have You Seen the Film?" Was the evidence from an aviation accident also its cause?
- Tuvalu: The Underwater Airstrip and Climate Change.

19:30-21:30 SOCIAL

AEROTRIVIA with your hosts, Phil Vabre and Geoff Goodall



AVIATION CULTURES Mk.V CONFERENCE

SUNDAY 28 MARCH



→ www.crowdcast.io/e/acmkv

9:00-10:00 - Coffee Lounge

10:00-11:30

Blitz Papers - Parts 1 & 2

- | | |
|--------------------------------------|---|
| Erin Gregory & Erin Poulton | • Beyond the Bafflespeak: Humanizing the History of Aviation |
| Edward P. Soye | • Full Circle: The Evolving Role of Civilian Organizations in Canadian Military Flight Training |
| Peter Devitt (read by Russell Smith) | • Snapshots of 'British': Different Pictures of Empire Service |
| Ken Lai | • "Naught to be...": On the Potential Purchase of Japanese Aircraft for the RAAF |

Break c. 10:40-11:00

- | | |
|----------------------------|--|
| Martin Gibbs & Brad Duncan | • The Archaeology of the WWII Pacific air war in the Solomon Islands |
| Ryan Tracy | • Flying Boat Down: Crash of RAAF Catalina A24-381 on Lord Howe Island, 1948 |
| Juanita Franzl | • Horrie Miller's Mysterious, Magnificent Machine! |
| K. S. Nair | • Indian Aviators in World War 2: Diversity Defined |

11:30-13:00

CAHS Centenary Event - Live Stream from Essendon

The Civil Aviation Historical Society presents a ceremony to celebrate the centenary of the creation of the Civil Aviation Branch of the Department of Defence.

13:30-15:30

SESSION 6 - Launching Places, Part 2

- | | |
|------------------|--|
| Neil Urwin | • Remembering and Forgetting at Nicosia Airport |
| Marc Baumgartner | • Take Advantage of the Crisis to Reinvent European Air Traffic Control |
| Silvano Jung | • Aviation Archaeology in Darwin, NT: Looking at Spring Low Tide WWII Aviation Wreck Sites |
| Michelle Sim | • From Heathrow to Harewood: The 1953 International Air Race |

15:30-16:00

Conference closing

Conference round-up, prizes for best papers & announcing where and when Aviation Cultures Mk.VI will be.

Join us after the conference!



COFFEE, COCKTAILS
& CATCH-UP SOCIAL
THURSDAY 1 APRIL

AVIATION CULTURES

Mk.V CONFERENCE

ABSTRACTS

Session 1- RAAF Centenary

Problems of Plenty: The Reconversion of Royal Australian Air Force 1943 –1949

Mark Clayton

During World War II, industries in the United States produced more than 324,000 military aircraft, at least 30% of which were supplied via Lend-Lease. Transports and trainers that survived the conflict were hurriedly sold off at massively discounted prices while most combat types were guillotined into manageable chunks and fed into makeshift furnaces. This paper examines how this reconversion affected the Royal Australian Air Force. In particular, it seeks to explain why it was considered necessary to scrap the bulk of the latter's combat capability; when this was decided; and by whom (i.e., the United States, Australia – or both?)

RAAF Between the Wars

Brad Manera & Jaqueline Reid

In the wake of the Great War, the RAAF toiled to establish a status befitting that borne of the Australian Flying Corps. However, the Australian public, war weary and suffering economically, looked instead to the civil arm of its aviation industry for inspiration. Air pageantry, celebrity aviators and daring expeditions dominated. Here, however, the RAAF would play only a cursory role. Condemned as poorly trained and ill-equipped, frequent air disasters further discredited it. Using objects and contemporary articles, this paper examines the civic duty underpinning early RAAF doctrine, and the nature of those few air disasters that served to undermine it.

Plans vs Politics: The Development of Airpower in New Zealand, 1919-1937

Simon Moody

Emerging from the First World War, New Zealand had no independent air arm. Given the cost of the war, and the bleak economic prospects of the early 1920s, such an investment seemed unlikely. The story of the journey to an independently controlled Royal New Zealand Air Force in 1937 was one of false starts and wasted time and resources. Combined with economic depression through New Zealand society in the 1930s, and the subsequent need to rearm, a complex picture emerges. This presentation explores some of these themes and explain why New Zealand struggled and took so long to form a modern, separate Air Force.

Roy Goon & the CAC Boomerang

Geoff Wong

The Boomerang was an 'Emergency' fighter, designed quickly in response to the Japanese attacks, and the alarming lack of defensive fighter aircraft over Australia. It was developed for CAC by Fred David (a German-Jewish refugee, registered as an 'enemy alien') to make use of available locally built components from the Wirraway, and the Twin Wasp engine. One of the pilots to fly the Boomerang operationally for the first time was the very experienced Flight Lieutenant Roy Goon, an Australian-Chinese pilot in the RAAF. Goon had been flying since 1935 and had been a senior instructor.

The Fairey IIID in Australia

Tom Lockley

It is almost exactly 100 years since the Fairey IIIDs were ordered by the then government for the Australian Navy. The Faireys were received into the RAAF in late 1921. They were the first seaplanes ordered for the defence forces. A noteworthy feat undertaken in an Australian Fairey was the circumnavigation of Australia by Squadron Leader Goble and Flight Lieutenant McIntyre in 1924. The aircraft were also used in important and innovative surveys, notably of the Great Barrier Reef.

The RNAS/RAF Career of Major John Osborn Galpin DSC, DFC

Gordon Leith

John Galpin joined the RNAS in Canada in 1915 and crossed the Atlantic to be trained as a seaplane pilot at Felixstowe. He flew operationally over the North Sea at the height of the U-Boat campaign of 1917 and the battle for control of the air between British flying boats and German seaplanes during mid 1918. His story has

AVIATION CULTURES

Mk.V CONFERENCE

never been told in full before. This is an attempt to produce a comprehensive account of his career, filling in blanks either with details supplied by those who shared his experiences or with narrative of the events he is likely to have taken part in.

Session 2 – Aviation Identities

Keynote: Wing Commander Maz Jovanovich CSM, RAAF

The Class of Women Pilots in Interwar Britain

Liz Milward

When the Civil Air Guard was established in 1938, Lady Londonderry, influential wife of the former Air Minister, lamented the service was not attracting the 'better class women.' Amy Johnson, who, in addition to being a world-famous pilot, had served as the President of the Women's Engineering Society, referred to the CAG pilots as being of the working-class 'Lyons-waitress' type. This paper examines the cross-class appeal of flying for women in interwar Britain. It considers their diverse expectations about their roles in the aviation sector and situates these in the wider context of shifting class dynamics during the period.

Shining a Light on Gremlins

Dan Ellin

Gremlins were a 'mythical mischievous genus of creature', first described in the inter-war period as the reason behind unexplained mechanical or electrical failures with aircraft or equipment. This paper examines the Gremlin myths and charts how knowledge of them spread to civilian populations and went 'viral' in 1943. It suggests why as a concept they remained particularly appealing to aircrew during the war. For some, Gremlins provided an imaginative and creative outlet for their stories and artworks, but as a comforting explanation for inexplicable events, they were also a symptom of aircrews' black-humour, and an almost fatalistic way of accepting loss of agency.

Cultures of Remembrance: War, Memory and the Legacy of Bomber Command

Alexander Smith

This paper reflects on a book project that explores aviation culture, collective memory and the legacy of W.W.II among veterans of RAF Bomber Command. An experiment in creative non-fiction, *Last Op* interweaves elements of the autobiographical novel and personal memoir with family mythology, ethnography, post-military history, social theory and a psycho-geographical journey through some of England's forgotten wartime airfields. I consider the role creative writing can play in deepening sociological understandings of the symbiosis between aviation, war and memory in shaping national imaginaries and personal and collective identities.

School to Skies: Propelling Young Women into STEM Pathways

Emma Raven

'School to Skies' is the product of a bold move in 2017 to help raise representation figures for women in the Air Force, as well as encourage diversity. A combination of aviation STEM, leadership and personal development, the week-long camp gives Year 13 women the chance to break down social barriers and gain exposure to a variety of Air Force careers. Fundamentally, the program aims to engage these women in targeted trades where gender representation is less than 10%. Through experiential learning and real-world applicability, the program is a modern approach, contextualising school curriculum for future careers and to address the ever-increasing skill gap of women choosing STEM careers.

'The only female engineer on Albury airport'

Megan Kaisner

Megan Kaisner, 25, is beginning her professional career as an aircraft engineer at Albury, NSW, Australia. She gives some important insights into her experience, as well as advice to those thinking of taking on the job of aircraft engineer. It's dirty, demanding, and rewarding!

AVIATION CULTURES

Mk.V CONFERENCE

Woman with Wings – May Bradford Shepherd

Nicole Thomas

May Bradford Shepherd was Australia's first licenced aircraft engineer and played a key role in the design and construction of a little-known prototype aircraft developed as a competitor for the 1934 London to Melbourne Air Race, the Centenary Racer. This project, and May's role, was only made known to the public because it was the Australian Women's Weekly that raised funds from its readers to sponsor the project and published regular articles that followed its progress. May Bradford was an accomplished licenced pilot and engineer, who went on to construct other aircraft, but was tragically killed in an accident two years later.

'Australian Women Pilots' author: 'You can write, you can fly and you can take photos'

Kathy Mexted

Aviation author, pilot and editor Kathy Mexted shares her journey of writing the best-selling book, *Australian Women Pilots* and the huge social media outreach publicising it in COVID conditions, to great success.

Session 3 – Launching Places, Part 1

Keynote: Marnix (Max) Groot, [AirportHistory.org](https://airporthistory.org)

When you're about to board an aircraft and pass through a boarding bridge, it's sometimes hard to appreciate what a remarkable innovation you're passing through. In fact, it has a history all on its own. Boarding bridges have been a standard feature at airports around the world for decades, but do you know when and where they were first used? In this presentation, we will look at the predecessors of the boarding bridge and the first modern boarding bridges used at airports in the US and abroad.

The 'Unsinkable Aircraft Carrier' That Never Was: Contextualizing the WWII Japanese Airstrip on Attu Island, Alaska, USA

Dominic Bush & Olga Zakharova

Hidden away on the island of Attu, the westernmost point of North America, the remains of a half-completed airstrip are still visible. It is a tangible reminder of the bloody conflict fought between the US and Japan in May 1943. The Attu airstrip was intended to be the crown jewel of Imperial Japan's northern Pacific strategy. Now largely neglected, the airstrip serves as a historical footnote for a battle ostensibly forgotten. Through a concise, yet thorough, review of the airstrip's history, it becomes clear this Japanese military installation is a fitting representation of the frustrating futility associated with the Second World War's Alaskan campaign.

Sidney Cotton and Donald Bennett: How Australians Helped Shape Aviation in Newfoundland and Labrador

Lisa Daly

Two Australian aviators shaped the role of aviation in Newfoundland. Between the wars, Major Sidney Cotton, RAF, attempted to set up a commercial aviation business in Newfoundland. Challenged by the climate, fish merchants, and the Newfoundland government, Cotton innovated cold weather flying and introduced ideas such as aerial seal spotting and mail delivery to communities often cut off from outside contact. A few years later, Captain Donald T.C. Bennett, RAF, was a key figure in the establishment of the Atlantic Ferrying Organization during W.W.II. He showed ferrying aircraft was possible and helped change the role of the Newfoundland Airport (Gander) in the war.

For Want of a Concorde: Dreams of SST Flights to Australia in the 1970s

Guillaume de Syon

As part of the various commemorations of its centennial, media releases have noted that Qantas Airways 'almost went supersonic.' While the airline indeed took options on the Anglo-French Concorde SST (and eventually abandoned them), this paper proposes to take a different angle on the matter by surveying British efforts to give its own Concorde fleet 'something to do' in the 1970s. By 1975, a tentative agreement was in

AVIATION CULTURES

Mk.V CONFERENCE

place with the Australian transport ministry to ensure an extension of the 'Black Sea line' (Concorde's planned flight to Bahrain and Singapore) all the way to Melbourne.

Returning to Earth: Capsules, Enclosures, and Quarantine

Jeffrey S. Nesbit

The extraterrestrial frontier's range and trajectory begin at the spaceport launch pad and extend across vast ocean geographies. Discrete objects (including capsules, enclosures, and quarantines) deployed for recovery generate a vast geographic territory. These autonomous objects project an image of power over the natural environment on and off our terrestrial surface. Enclosure, escape, and recovery are all treated as, and veiled by, an optimistic and discrete American modern aesthetic. As the US prepared for reaching the Moon, toxic contaminants returning to Earth were anticipated. This proposal suggests the discrete objects for returning to Earth contribute to the rise of the architectural enclosure and quarantine history from within the spaceport complex.

Session 4 – Aviation Collections

Keynote: Madelyn Shaw, retired Curator of Textiles, Smithsonian Institution

Alliance with Progress: Aviation and the American Fashion Industries, 1920-40

During the 1920s and 30s the American fashion industries faced tremendous challenges. Technological, economic, and social forces changed not only the pace of production, but consumption patterns, industrial geography, and even raw materials. The right product, marketed in the right way, was often not just a matter of bigger profits, but of any profit. Aviation - as a science, a sport, an adventure - offered inspiration and perhaps salvation. This talk explores how designers and marketing professionals catered to and exploited the aviation connection, how that connection altered between 1920 and 1940, and suggests how objects that are not airplanes can enhance our understanding of Aviation's place in society and culture.

Aviation Aboriginalia: Australian Aviation's Search for Cultural Identity

Ashley Harrison & Tracy Ireland

From the 1920s the Australian aviation industry, both military and civil, has appropriated many Aboriginal language names and terms, as well as images of Aboriginal people and cultural objects, and motifs derived from Aboriginal art and cultural practices. This paper surveys examples of this form of aviation culture and explores where these terms and images came from, how and why they were used, and what this tells us about Australian culture in the 20th century.

Landscapes of Flight: The Archaeology of Aviation and War in French Indochina, 1918-1945

Shaun I. Mackey

Aviation in French Indochina during the period 1918–1945 was used to protect, promote, and police French colonial interests in Southeast Asia. The underlying structure was a network of air routes connecting chains of new airfields. Aerial access to the rugged hinterland of Indochina transformed the landscape and temporarily reinforced French supremacy. However, French colonial authority was undermined by military defeat and occupation by Thailand and Japan in W.W.II. In this paper, archival sources, documents, maps, and aerial photographs related to French Indochina are used to identify and assess an archaeological contribution to understanding aviation and the associated landscapes of flight.

Extinction or Disruption? – Visitor Engagement Strategies for Collections

Nathalie Gochel

To be viable, the needs and wants of the stakeholders must be understood. Younger generations are not interested in static displays and want an experience, something to make it worth going out to 'the museum', something appealing to their values and beliefs. A value driven organisation culture is essential to engage with the younger generations and impact a business performance. I am challenging the current business model. While it suits certain types of generations, museums should look towards the future and move into the 21st century, adopt an Agile Leadership strategy, work together and move to the online world.

AVIATION CULTURES

Mk.V CONFERENCE

Museums Off the Radar: Aviation Heritage's Disconnection from the GLAM Sector

Nicole Thomas

There are over 120 organisations in Australia that hold historic aviation objects and most of these are community-based, volunteer-run aviation museums. This culture emerged from a grassroots community of 'wreck hunters' and enthusiasts who the countryside for aircraft relics in the 1980s and evolved into mature aviation organisations. Recent research revealed the unique attributes of those involved in the aviation sector and explored the areas of disconnection from the mainstream heritage sector that threatens the ongoing sustainability of these communities and their collections. This presentation summarises the key findings and highlights the issues of generational change, resourcing, safeguarding and sustainability that are present today.

Session 5 – Help From Above

Keynote: Frank Quinlan, Federation Executive Director, Royal Flying Doctor Service (RFDS)

Frank will address the operations of the RFDS including aeromedical activity in 2019-2020, plus case studies and examples related to the involvement of the RFDS in the Australian bushfires of 2020 and in the COVID-19 aeromedical response. The RFDS looks to future opportunities with a summary of the stroke grant, and Frank's keynote will explain this project and what it aims to achieve.

New Guinea Rescue 1944 – the Jungle Training Detachment in Action

Bas Kreuger

On 27 July 1944, a US B-25H was hit by Japanese AAA while attacking a barge in Dutch New Guinea. The pilot had to put down in a huge swamp behind enemy lines. Rescue by Catalina was not possible so the Fifth Air Force decided on an overland rescue. Enter the Australian Jungle Training Detachment (JTD). Bas Kreuger has researched this rescue mission in detail and in 2019 went into the jungle of West Papua to locate the B-25 wreck. During his research, he has found and contacted the relatives of the four Australian rescuers and with them is researching the JTD.

RAF Museum Archive Related to the Quetta Earthquake of 1935

Lucia Wallbank

This paper will present items from the RAF Museum Archive related to the Quetta earthquake of 1935. It will establish the relief efforts the RAF made in 1935 drawing on official reports, plans, and photographs. In doing so it will draw comparison to subsequent humanitarian operations the RAF has been involved in during the 20th and 21st century. It will conclude by considering how the operational principles which underpinned the Quetta relief effort are reflected in the RAF's most recent disaster relief operations.

World Crisis meets Aviation Identity: What Now is Essential?

Adrian Park

With aviation strangled by the Covid crisis in a way it never has before, what now is essential in terms of our culture and identity? Is it our regulations? Is it our comprehensive reporting? Is it our auditing and our expansive communications? Or is it something far more fundamental and profound? Using personal experience as a helicopter emergency services pilot and manager, as well as PhD research into 'unsafeness' from a five year study of the Air Transport Safety Bureau's (ATSB) database, this paper explores the surprising essentials of aviation identity and why they are more important than ever.

United Lethality: Allied Aerial Collaboration During the Battle of the Bismarck Sea, 1943

Jeff Schultz

The Allied effort to recapture New Guinea from the Japanese is not well known, especially events after the 1942 Battle of Coral Sea. A brutal series of land battles fought in the jungle and mountainous terrain of the massive island eventually culminated in Allied victory, yet without a storied defeat of a critical Japanese convoy victory would have been delayed. In early March 1943, American and Australian aviators repeatedly struck at a Japanese reinforcement naval convoy intended for Lae. This paper focuses on the efforts of

AVIATION CULTURES

Mk.V CONFERENCE

American and Australian aviators. It honours the RAAF centenary and the diverse collection of Allied forces that fought in W.W.II.

The Fireboss in Action. A Firefighting Pilot's Insight

Steve Death

All-rounder pilot Steve Death gives us an in-cockpit operational and strategic insight into aerial firefighting in Australia – including special moments and thoughts on the future.

Objects in 5 Minutes

Aviation Identities, Art from Arnhem Land: Aviation and Australian Aboriginal Art

Annie Clarke & Sally Brockwell

In 1959, Tony Tuckson began collecting art in Arnhem Land and the Tiwi Islands, both personally and through Dr Stuart Scougall. As a result of these acquisitions, Tuckson put together a major exhibition, Australian Aboriginal Art. This was perhaps the first time Aboriginal art had been presented as artworks in their own right, rather than ethnography, and individual artists were named. In 1961, Scougall and his secretary Dorothy Bennett toured Australia with the exhibition. It was at this time that Qantas began its long association with Aboriginal art. This paper highlights one of the paintings and discusses Qantas' role in promoting Australian Aboriginal art to the world.

The Recovery of a Fairey Barracuda from the Solent off the Former RNAS Daedalus

Alistair Byford-Bates

During survey work carried out in preparation for a cross channel interconnector project, the remains of a Fairey Barracuda were discovered lying offshore of the former RNAS Daedalus. No surviving examples of this aircraft exist. Following its archaeological recording and recovery, the extant material was transferred to the Fleet Air Arm Museum, Yeovilton, who are carrying out a long-term project to restore a Barracuda. Examination of the recovered parts is giving insights into wartime production contingencies across different manufacturers, and the variations in aircraft design as types were altered or upgrade during the production process, with the recovered aircraft showing features from more than one mark.

Unconventional Air Mail. 'HULLO MUM', Fairfax to Fairfax, 1945

Anna Gebels

In the days of early aviation a visiting aircraft was an exciting and awe-inspiring event. Imagine the unexpected thrill when the grounded observer spotted an object floating down towards them. On inspection they notice it is adorned with an address. Hence by chance the observer is tasked with completing the final leg of the journey and delivering the object. This paper is inspired by an artefact held in the Temora Aviation Museum, an unconventional letter written by then pilot trainee Jim Fairfax to his mother Lyla in 1945. Through historical investigation and object biography, the accounts of three instances of unsanctioned aerial correspondence will be described.

The Powerhouse Museum Aircraft Collection

Tom Lockley

In November 2014, the NSW Government announced the Powerhouse Museum would be demolished and moved to Parramatta. This had serious implications for the aircraft display in the museum. Since then the project has been modified, but there is still doubt about the final outcome. The process has focussed attention on the collection of aircraft held at the Powerhouse Museum and, the Castle Hill MDC storage area, and this presentation outlines the special features of this interesting group of aircraft.

Anti-Diver Patrol: The Loss of Hawker Tempest EJ532

Colin & Sean Welch

A look at a 2016 licensed excavation of the crash site of Hawker Tempest EJ532 and its historical context. As the V-1 offensive began in June 1944, one countermeasure was the deployment of fast fighter aircraft to patrol in pairs across the main flightpaths of the 'flying bombs' over south-eastern England. On 29 July 1944, F/Sgt A. Drew's aircraft fell from the sky during one such patrol. His late exit from his Hawker Tempest meant

AVIATION CULTURES

Mk.V CONFERENCE

his parachute did not open. Our excavation studied contemporary sources that, combined with finds, reached a clear conclusion for the cause of the accident.

'Have You Seen the Film?' Was the evidence from an aviation accident also its cause?

Peter Hobbins

One of the most shocking aviation accidents in Australian history was the crash of Bell 47G2, VH-AHF, on 10 December 1966. Carrying an ABC production crew, the helicopter was filming above Sydney's Circular Quay when the tail rotor failed. The Bell's increasing gyrations were filmed by a Commonwealth Film Unit (CFU) team on Sydney Harbour. On board, cameraman Frank Parnell also kept shooting while the world beyond spun wildly. Sadly the pilot and both ABC staff died when VH-AHF hit a skyscraper and tumbled into the city below. Parnell's undeveloped film was nearly discarded until it was rescued and developed, providing an exceedingly rare participant's view inside an aviation accident. Both the CFU and ABC films were shown to shocked television viewers and used to analyse the Bell's loss. Held in the ABC collection at the National Archives of Australia, Parnell's footage seems to be the only surviving remnant from the crash. But while it was used as evidence in the subsequent investigation, was the film in fact the root cause of the disaster? Drawing on accident investigation archives, two lengthy legal cases and the film reel itself, this presentation unravels a story of competing evidence, authority and culpability.

Tuvalu: The Underwater Airstrip and Climate Change

Prudence Black

The Tuvalu air strip in Funafuti is perhaps like none other in the world. It is both airstrip and the place of many cultural activities. As a result of climate change, rising sea levels and resultant sand surges, there is a lack of fresh water on the island. The air strip has become a place where the local community goes to meet, catch the cross breeze and wonder about how long they can remain on their island home until the air strip goes under, a sign of what fossil fuels have done.

Blitz Papers – Part 1

Beyond the Bafflespeak: Humanizing the History of Aviation

Erin Gregory & Erin Pulton

Aviation museums have traditionally presented standard, narrow historical narratives. Interpretive and curatorial staff at the Canada Aviation and Space Museum are working to shift away from this tradition. Interpretive approaches welcome and support generalist audiences, making the museum more accessible, relevant, and ultimately more sustainable. 'Beyond the Bafflespeak' will focus on the development of 'Eyes on the Skies', a new exhibition about Canada's air navigation system. It will explore interpretive strategies, as well as research and storytelling challenges, and include a brief discussion of the unique challenges faced in developing an exhibition during the current global crisis.

Full Circle: The Evolving Role of Civilian Organizations in Canadian Military Flight Training

Edward P. Soye

Military pilots have been training in Canada for over 100 years. A recurring theme in times of fiscal restraint has been the inclusion of civilian organizations to support or deliver specific phases of military flight training. This paper will examine the ebb and flow of civilian support to military flight training in Canada. By putting this outsourcing cycle in context, it will allow for meaningful comparison with the flight training organizations of other allied and Commonwealth air forces.

Snapshots of 'British': Different Pictures of Empire Service

Peter Devitt, read by Russell Smith

Major Edward 'Mick' Mannock VC was one of the most successful fighter pilots of the First World War, and his story is as paradoxical as it is compelling. A conflicted hero, he was kind and compassionate but pitiless in battle; jovial and brave but tortured by fear; a working-class socialist, leading middle-class men. Despite the challenges he faced, he mastered his trade and quickly rose to become the greatest patrol leader the Royal Air

AVIATION CULTURES

Mk.V CONFERENCE

Force has ever seen. During the Second World War, his example, and his methods, guided the squadrons of Fighter Command, and they continue to have resonance today.

'Naught to be...': On the Potential Purchase of Japanese Aircraft for the RAAF

Ken Lai

The world was on the brink of another war. Australia's air force, the RAAF, was still coming to terms with new aviation development. Attempts to purchase modern aircraft from Britain and the US led to naught as both nations were desperate to retain their aircraft for their own use. Sir John Latham, an untiring proponent for a strong air force sought out a possible source of aircraft, Japan. History shows while this did not happen it almost become a reality. This talk describes the conditions that led to the proposed purchase and eventual cancellation.

The Archaeology of the WWII Pacific Air War in the Solomon Islands

Martin Gibbs & Brad Duncan

In May 1942, Japanese forces reached the Solomon Islands, capturing the British outpost of Tulagi and establishing a new air base at Guadalcanal. The Solomons became the place where the Americans first fully engaged the Japanese. Despite the Wreck and War Relic Act (1980), which protects W.W.II items from export without permission, the archaeological resource related to W.W.II in the Solomon Islands has suffered from progressive deterioration, lack of local recognition, and mixed or indifferent management and government support for the preservation of these important heritage and tourism resources. This paper reviews the current state of the W.W.II aerial heritage in the Solomon Islands.

Flying Boat Down: Crash of RAAF Catalina A24-381 on Lord Howe Island 1948

Ryan Tracy

What was meant to be a routine training flight resulted in a fireball that killed seven and severely injured two others. Catalina A24-381 was one of the last flying boats of its type delivered to the Royal Australian Air Force. Fully serviceable, its crew were highly experienced, with most being veterans of W.W.II. The loss was widely covered in the Australian press at the time but, save for some brief mentions in documentary publications, it has been largely forgotten by aviation historians. This paper examines the course of the flight and scrutinises the factors that led to the tragedy.

Horrie Miller's Mysterious, Magnificent Machine!

Juanita Franzi

Examining a topic via the illustration research process enriches and informs the historical story. Here, the study of Australian pioneer Horrie Miller's DH.9 exemplifies this investigative process. Miller owned the DH.9 from 1925 until 1939 and, with its purchase, 'felt confident of being able to embark at last on a permanent flying business'. This presentation will look at how Miller created a commercial aircraft out of a W.W.I bomber and even used it for racing. Referencing the broader aspects of Miller's endeavours during this period, the peculiarities of his aircraft will be examined, as will the unanswered questions including mysteries of providence and configuration.

Indian Aviators in WW2: Diversity Defined

K.S. Nair

Integration or diversity were never stated objectives and outside the Indian Air Force there were various fault-lines between religions, communities and ethnic groups. Yet, the IAF in W.W.II was incredibly diverse, but completely integrated. There were multiple reasons: the IAF required aptitudes and skills that were rare in a colony; English language proficiency was found in unexpected pockets; and, when founded, the IAF was too small to accommodate different messes for different communities. This paper will show diversity was a result of, and a contributor to, the IAF's involvement in aviation and hopefully prompt some interest in this neglected topic.

AVIATION CULTURES

Mk.V CONFERENCE

Session 6 – Launching Places, Part 2

Remembering and Forgetting at Nicosia Airport

Neil Urwin

Nicosia International Airport is trapped within the UN Green Line, the demilitarized cease-fire zone between north and south Cyprus. It is as it was when operations abruptly stopped with the Turkish incursion in 1974. Luggage remains on the carousels and a Cyprus Airways Tristar which didn't get off in time has remained derelict. It has morphed into a concentrated symbol of Cypriot melancholia. This paper looks at the engagement with symbolism in the interaction of the abandoned and current airport and the role of other aviation related symbols in negotiating memory in this troubled country.

Take Advantage of the Crisis to Reinvent European Air Traffic Control

Marc Baumgartner

Even if, overall, Air Traffic Control (ATC) in Europe fulfils its role, especially, from a safety standpoint, it is suffering structural inefficiencies that become unbearable with the current crisis. An ambitious vision needs to be developed by decision makers. Using the current crisis as a starting point, one should significantly improve the efficiency of ATC in Europe both in operational and financial terms in the interest of the airspace users and passengers, with a motivating project that users and staff of this industry would support.

Aerial Aviation Archaeology in Darwin: Looking at Spring Low Tide WWII Aviation Wreck Sites

Silvano Jung

The perigeon spring tides in and around the Northern Territory's Top End of Australia, offers an incredible glimpse into the submerged cultural heritage of W.W.II. This blitz talk is on a survey conducted in December 2020 that recorded three aircraft wreck sites exposed at the spring low tide in Boyne Harbour, just west of Darwin. The wreck sites date from 1942 and 1943 and include a USAAF Kittyhawk, an RAAF Vultee Vengeance and an RAAF Wirraway. The survey verified their locations and provided a snapshot of their current condition. This will enable future archaeological surveys to map the sites using photogrammetric methods.

From Heathrow to Harewood: The 1953 International Air Race

Michelle Sim

Sixty-eight years ago, Christchurch hosted the biggest aviation event in its history since the landing of the 'Southern Cross' in 1928. Following in the tradition of the inter-war period, this long-distance dash was intended to test the boundaries of aeronautical engineering. There were domestic goals too, chiefly to promote New Zealand on the world stage and demonstrate distance need no longer be a barrier to international tourism. Drawing from the archives of the Air Force Museum of New Zealand, this presentation gives an overview of the 1953 London to Christchurch Air Race, its scope and challenges, and examines how effective it was in achieving its aims.

AVIATION CULTURES Mk.V CONFERENCE

BIOGRAPHIES

Marc Baumgartner has worked as an operational air traffic controller for more than 25 years and is currently the Centre Supervisor in Geneva ACC. Marc has been the Chair of the Eurocontrol Performance Review Commission since 2019, was a member of the Performance Review Body/Performance Review Commission from 2011 until December 2016, and has chaired its operational sub-committee since September 2012. Until April 2010 he spent eight years as the President and CEO of the International Federation of Air Traffic Controllers' Associations. He coordinates the SESAR and EASA activities of IFATCA and is a member of the 100 years of ATC organising committee.

Prudence Black is an author and academic who spent her formative teenage years flying around the country in a Cessna 172 and tinkering with her 1956 model Hillman Minx. Today, she tries to walk and cycle as much as she can to balance the interest in fossil-fuelled technologies. She is the author of *The Flight Attendant's Shoe* (2011) and *Smile, Particularly in Bad Weather: The Era of the Australian Flight Hostess* (2017).

Sally Brockwell is an archaeologist with research interests in aviation heritage, the archaeology of northern Australia and Island Southeast Asia, and wetlands archaeology. She is a research associate with the Australian Research Council Heritage of the Air Linkage Project at the University of Canberra and an honorary senior lecturer at the Australian National University.

Dominic Bush is a PhD candidate in the Integrative Coastal Sciences Program at East Carolina University. With an MA in anthropology from Washington State University, he is passionate about the discovery, documentation, and preservation of underwater archaeological sites, particularly those related to World War II in the Pacific. Dominic uses a multi-disciplinary approach, combined with indigenous collaboration, to ensure sites are protected and enjoyed by many.

Alistair Byford-Bates studied Archaeological and Forensic Sciences at Bournemouth University before returning to do his Master's in Applied Sciences by Research, investigating human identification and sharp force trauma for his dissertation. He has experience in archive searches, report writing and archiving, watching briefs, evaluation trenching, geophysical surveys, full scale excavations and recording, and archaeological search and survey on a range of sites. Recent projects include the recovery and recording of the extent remains of a 19th century shipwreck and a W.W.II aircraft in the Solent.

Annie Clarke is an archaeologist and Professor of Archaeology, Museum and Heritage Studies and current Chair of the Department of Archaeology at the University of Sydney. Her research interests include aviation heritage, the archaeology of Arnhem Land, the archaeology of cross-cultural engagement and colonialism, rock art and mark-making practices, ethnographic collections and objects, community archaeology, narrative and archaeology, and heritage. She is a Chief Investigator on the Australian Research Council Heritage of the Air Linkage Project.

Mark Clayton has held curatorial and conservation positions with the National Library of Australia, the Australian War Memorial, the Powerhouse Museum, and Museum Victoria. He has also been the Director of several regional art, social history and technology museums in New Zealand. An Expert Examiner and aircraft valuer for the Commonwealth Government's National Cultural Heritage Committee, Mark has been a member of the PNG National Museum & Art Gallery's Expert (Military History) Advisory Group since 2017. In July 2019, he commenced full-time doctoral studies, examining the justifications and impacts of air force reconversion in Australia and the US during, and immediately following, W.W.II.

Lisa Daly is an aviation archaeologist based in St. John's, Newfoundland. Earning her MSc in Forensic and Biological Anthropology from Bournemouth University, England, she worked as an archaeologist at an aircraft crash site, leading to her PhD in Archaeology at Memorial University, focussing on crash sites around Gander, Newfoundland – 'the crossroads of the world'. She has presented at conferences and museums across Canada and her research has featured in print, radio and television. Lisa has also worked for Parks Canada, the

AVIATION CULTURES

Mk.V CONFERENCE

Provincial Government of Newfoundland, Wildland Tours, and the Grand Concourse Association. She is currently the coordinator for the Logy Bay-Middle Cove-Outer Cove Museum.

Guillaume de Syon teaches history at Albright College in Reading, Pennsylvania, and serves as a Visiting Scholar of History at Franklin & Marshall College in Lancaster. He is the author of *Zeppelin! Germany and the Airship, 1900-1939* (2002) and of numerous articles in aerospace history and cultural history.

Steve Death, from a multi-generational aviation family, is an experienced pilot, operator of Hazair at Albury, NSW, and warbird and display pilot. Steve undertakes aircraft ferrying, but the majority of his work is aerial agricultural flying and air attack firefighting.

Peter Devitt is a Curator at the Royal Air Force Museum and has studied diversity in the British flying services while working closely with the African-Caribbean, South Asian and Polish communities. In 2013, he curated 'Pilots of the Caribbean: Volunteers of African Heritage in the Royal Air Force', the award-winning exhibition produced by the RAF Museum in partnership with Black Cultural Archives.

Brad Duncan is currently an Adjunct Senior Lecturer at the Department of Archaeology and Palaeoanthropology, University of New England. He is undertaking research in Maritime Archaeology, Remote Sensing and Geoinformatics (GIS), and specialises in Maritime Cultural Landscapes research especially in the areas of Defence, Fishing and Maritime Infrastructure. His current research is with Professor Martin Gibbs is the NSW Riverine Cultural Landscapes Project which aims to investigate the diversity and complexity of riverine cultural landscapes, their communities, and riverine watercraft and associated infrastructure.

Dan Ellin completed his Master's degree in Historical Studies at the University of Lincoln in 2010 and obtained his PhD in History at the University of Warwick in 2015 with a thesis on the lives and emotions of RAF Bomber Command ground personnel. Dan became the archive and exhibition curator for the International Bomber Command Centre in 2015. He is responsible for the digitisation of both tangible (letters, diaries, and photographs) and intangible material (oral histories) and creating metadata to allow objects and collections to be discoverable. Since 2015 the archive has created and ingested over 1000 oral history interviews and over 100,000 digital files.

Juanita Franzi is a highly-regarded aviation illustrator who has been published in leading aviation journals worldwide. She works regularly with overseas publishers and is currently preparing profile artworks for RAAF publications. She is based in Sydney and has travelled widely researching the variety of aircraft she has depicted. Juanita has previously presented at Aviation Cultures Mk.III and IV.

Anna Gebels is a PhD candidate at the University of Sydney. Her research is focused on the collected heritage of the Empire Air Training Scheme in Australia in an attempt to ascertain what we have and what we need in order to tell an inclusive account of the Scheme.

By day, Anna is a museum curator and educator who has worked in quarantine, military aviation and medical museums. By night, Anna enjoys singing for, and with, military veterans, transporting them to yesteryear with the sweet harmonies of the W.W.II era.

Martin Gibbs is a Professor of Australian Archaeology at the University of New England, Australia. His maritime interests include the archaeology of maritime industries, cultural aspects of shipwreck site formation, shipwreck survivors, and the processes of maritime colonisation. Current research projects include the archaeology of the 16th century Spanish explorations and failed colonies of the Solomon Islands and studies of the convict system in Australia. His current research is with Brad Duncan is the NSW Riverine Cultural Landscapes Project which aims to investigate the diversity and complexity of riverine cultural landscapes, their communities, and riverine watercraft and associated infrastructure.

Dr Catie Gilchrist received her PhD in convict history from the University of Sydney in 2004 and has spent much of her subsequent career as an Australian historian writer, researcher and lecturer. She is an Honorary Affiliate at the University of Sydney and since 2019 has been working at the Anzac Memorial as a Research

AVIATION CULTURES

Mk.V CONFERENCE

Officer. Published extensively online in the Dictionary of Sydney and the St John's Cemetery Project, her most recent book, *Murder, Misadventure and Miserable Ends; Tales from a Colonial Coroner's Court*, was published by Harper Collins in 2019.

Nathalie Gochel is one of the three founding Directors of the Australian Vintage Aviation Museum Society based in Queensland. She recently completed an MBA in Leadership and Innovation. It had a hands-on approach, the projects were real clients and all had the same problems; not able to retain members or acquire new members (especially younger generations), not understanding the various channels of communication, relying on international visitors, and relying on a centralised decision-making business model.

Erin Gregory is a curator of Aviation and Space at the Canada Aviation and Space Museum. Her most recent exhibition is 'Eyes on the Skies: Managing Air Traffic in Canada'.

Marnix (Max) Groot, (Netherlands, 1975) is a passionate airport development expert with 18 years of experience as an airport advisor on projects related to airport master planning, airport terminal planning, airport commercial planning, airport business planning, air service development, airport privatization and organizational restructuring. He is also an avid airport historian and Founder/Editor of AirportHistory.org, an authoritative online publication which chronicles the development history of the world's airports. He teaches in the areas of airport (historic) development and holds an MSc in economic geography. Marnix speaks five languages and has worked in all corners of the world, including for Lufthansa Consulting, NACO Netherlands Airport Consultants, Royal Schiphol Group, Transavia Airlines, Dutch Air Traffic Control and KLM Cargo.

Ashley Harrison is currently a Sessional Staff Member at the University of Canberra and commenced a doctorate of Philosophy in 2018.

Peter Hobbins is a professional historian at Artefact Heritage Services in Sydney, and an Honorary Associate in the Department of History at the University of Sydney. His research interests include the histories of science, technology and medicine, including aviation medicine and aircraft accidents. He has published work in local and international aviation magazines. In conjunction with Dr Prudence Black, he was one of the founders of the Aviation Cultures and served as an organiser for the Mark I to Mark IV events. In his spare time Peter is writing a book on aircraft accidents across Australia from the 1920s to 1970s.

Tracy Ireland is an internationally recognised academic, archaeologist and heritage practitioner. Tracy joined the University of Canberra in 2009 and is Professor of Cultural Heritage, and Director of the Centre for Creative and Cultural Research. Tracy is known for her work on social values, archaeological sites conservation, Indigenous historic sites and her analysis of heritage and archaeology in the context of colonialism and nationalism. Tracy has prepared award winning heritage management plans for nationally significant places, including the Australian War Memorial, Lake Burley Griffin and the Old Great North Road, and published more than fifty scholarly books, chapters and articles.

Silvano Jung has more than thirty years' experience in Australian archaeological and historical research, working in both Government and private sectors in the Northern Territory, Queensland, Western Australia and South Australia. His archaeological expertise includes WWII aviation archaeology, and historical research. Post-graduate research conducted for my M.A. and Ph.D. has been instrumental in establishing aviation archaeology as a valid sub-discipline of maritime archaeology in Australasia. He is a consultant archaeologist and the principal investigator at Ellengowan Enterprises, his consultancy business established in 2001.

Megan Kaisner is studying to complete her licensed aircraft mechanical engineer (LAME) qualification. She works for Hazair at Albury Airport, NSW and has worked on a wide variety of aircraft types.

Bas Kreuger studied maritime history at Leiden University. From 1990 to 1999 he worked as the curator for the Royal Netherlands Air Force Museum at Soesterberg AFB and later as Director of Collections for the Aviodome Museum at Schiphol airport. While in these jobs, he developed a lifelong interest in the operations

AVIATION CULTURES

Mk.V CONFERENCE

of Dutch air forces in the Far East, including operations from Australia. From 2004–2015 he was director of the National Museum of Fortifications and since 2015 is self-employed as a heritage specialist and researcher.

Ken Lai has volunteered at the Darwin Aviation Museum since 2012. Holding a Bachelor of Engineering (Hons) degree in Aerospace Engineering from RMIT and maintaining a keen interest in aviation and aviation history, he currently fills the roles of curator and vice-president at the museum.

Gordon Leith studied modern history and then trained as a librarian. His enthusiasm for aviation history helped him obtain a post in the Royal Aeronautical Society's library in London. From there he moved to the RAF Museum's Library, where he has remained, enjoying the opportunities to learn more about RAF history and the literature associated with it. The use of seaplanes and flying boats in the early years of the RAF's history is something he knew very little about until quite recently but reading and writing about them has provided new insight into their importance.

Tom Lockley worked as a teacher and school administrator at several levels during a wide-ranging career over more than four decades. On retirement seventeen years ago he was able to devote much time to researching Australian aviation history. He was a committee member of the Aviation Historical Society of Australia (NSW) and currently volunteers at the Powerhouse Museum, Sydney. Tom was also the coordinator of events marking the centenary of the activities in Australia of French airman Maurice Guillaux (1914) performed a similar role for the centenary of the flight of the Vickers Vimy from England by Ross and Keith Smith.

Shaun Mackey has been involved with archaeology and heritage management for over thirty years having worked in Australia, the United Arab Emirates, Egypt, Tanzania, the Solomon Islands, Thailand, and Cambodia. He has been the Director of excavation and survey projects in Australia; organised and lead research teams and artefact analyses; and has been involved with numerous academic research projects. Since 2019, Shaun has been based in Japan as a Guest Researcher at the Nara National Research Institute for Cultural Properties (NNIRCP). His main research focus is Conflict Archaeology in Southeast Asia, with an emphasis on the Second World War in former French Indochina.

Brad Manera is the Senior Historian and Curator of the Anzac Memorial. His career began at the Western Australian Museum and has included foundation curatorial work for the National Museum of Australia, gallery development at the Australian War Memorial and the world heritage listing submission for the Hyde Park Barracks Museum. His latest book *In That Rich Earth* (2020) is a study of the battlefields on which men and women of NSW have served from colonial times to the present. He and his team are currently developing an exhibition 'Per Ardua Ad Astra, RAAF 1921–2021' to mark the centenary of the Royal Australian Air Force.

Liz Millward holds a BA(Hons) from Nottingham University, and an MA and PhD in Women's Studies from York University. Her research interests are in the history and geography of women's spaces, with a particular focus on the role of transportation and mobility in the development and spread of culture and community. Her book *Women in British Imperial Airspace, 1922-1937* (2008) won the Canadian Women's Studies Association Annual Book Prize in 2010, and an Honourable Mention for the Wallace K. Ferguson Prize of the Canadian Historical Association. She is currently writing a book on interwar British women's aviation organisations.

Simon Moody was born in England and studied history, archaeology and archive management at Leicester, York and UCL. In 1996 he joined the RAF Museum and, subsequently, the National Army Museum in the UK. With a research interest in the two world wars, he co-authored *Under the Devil's Eye: Britain's Forgotten Army at Salonika* in 2004. He moved to New Zealand in 2009 to become Research Curator at the Air Force Museum of New Zealand at Wigram, Christchurch, and is responsible for overseeing the archives and research there. He is currently researching New Zealand airmen and the Fall of Malaya and Singapore.

K S Nair grew up in an air force family. He is a student of Indian and other developing countries' aviation and military history and has been writing on the subject for over 20 years. He has published close to 100 related articles, contributed to several books, and written two of his own, *Ganesha's Flyboys* (2012) and *The Forgotten Few* (2019). His third book, on the Bangladesh Liberation War of 1971, is expected in late 2021. He

AVIATION CULTURES

Mk.V CONFERENCE

has worked around the globe for Indian and multinational professional service firms, and international development agencies. He tweets on aviation and military issues as @TheBrownBeagle.

Jeffrey Nesbit is an architect and urbanist. He is a Postdoctoral Research Fellow with the Office for Urbanization at Harvard and founding director of the research group Haecceitas Studio. His research focuses on processes of urbanisation, infrastructure, and the evolution of 'technical lands'. He has written extensively on infrastructure, urbanisation, and the history of technology, and his most recent published work will be 'A Space Complex: Architectural Modernity in NASA's Remote South' in Odom and Waring's *NASA and the American South*. He also holds a Master of Architecture from the University of Pennsylvania and a Bachelor of Science in Architecture from Texas Tech University.

Adrian Park has been in the aviation industry for 25 years. Former Australian Army aviator, today a Toll Aeromedical Human Factors Manager, Adrian set up the rescue base at Toowoomba Qld. He is currently working on a Ph.D.

Erin Poulton is an Exhibition Interpretation Officer with the Canada Aviation and Space Museum. Her most recent exhibition is 'Eyes on the Skies: Managing Air Traffic in Canada'.

Frank Quinlan of the Royal Flying Doctor Service, has spent his working life advocating for social and healthcare issues in the Australian community and has a passion and commitment to improving the lives of all Australians, especially those who face systemic and personal disadvantage. For the last 20 years Frank has worked in leadership and executive roles in NGOs; including most recently serving as the CEO of Mental Health Australia for 8 years before being appointed as the Federation Executive Director of the Royal Flying Doctor Service of Australia in November 2019. Frank is responsible for relations with the Commonwealth Government and overseeing research and advocacy on behalf of the Federation, seeking better health outcomes for those living in rural and remote Australia. Frank has tertiary qualifications for Monash and Melbourne Universities.

Flight Lieutenant Emma Raven is an Air Warfare Officer currently employed as the Lead of Operation Tangata Kanorau based at RNZAF Base Auckland. She joined the RNZAF in June 2011. After completing her Initial Officer Training, Emma was posted to Australia to undertake Air Warfare Officer training at RAAF Base East Sale. As a qualified AWO, she conducted a wide variety of C-130 Hercules tasking, including support to Fiji in 2016 for Cyclone Winston. Following her operational posting, Emma was posted to Headquarters Joint Forces New Zealand where she managed Fixed Wing Operational tasking, as well as deployed mission to the Middle East.

Jacqueline Reid is a Research Officer at the Anzac Memorial in Hyde Park, Sydney. Jacqui studied at the Australian Defence Force Academy and served as a flying officer in the RAAF. After discharge she achieved a Master's degree in museum and heritage studies before joining the Anzac Memorial. She provided the photographic research for the book *In That Rich Earth* (2020) and has worked as an assistant curator on exhibitions '1919 A Time to Mourn, a Time to Hope', '1945 From Hot War to Cold War' and is currently helping developing the exhibition 'Per Ardua Ad Astra, RAAF 1921–2021' to mark the centenary of the Royal Australian Air Force.

Jeff Schultz is an Associate Professor of History in the History Department of Luzerne County Community College, Pennsylvania. He has presented a number of scholarly papers covering military topics from World War I to Vietnam at conferences such as recently at the U.S. Naval Academy's "McMullen Naval History Symposium" (2017 & 2019), Society for Military History Annual Meetings (2018 & 2019), the "1969: Vietnamization and the Year of Transition in the Vietnam War Conference" (2019) and the "IN COUNTRY Vietnam Symposium" (2018). Jeff recently contributed a chapter to Timothy Heck and B.A. Friedman's *On Contested Shores: The Evolving Role of Amphibious Operations in the History of Warfare* (2020).

Madelyn Shaw specializes in the exploration of American culture and history through textiles and dress. Since 2015 she has been working with Australian social historian and documentary filmmaker Trish FitzSimons on a creative research project titled *Fabric of War: A Hidden History of Global Wool Trade*, and received an

AVIATION CULTURES

Mk.V CONFERENCE

Australian-American Fulbright Senior Scholar award in 2019 to pursue this topic. She took her first flight at the age of six weeks; her two older sisters' employment in various (non-flight attendant) positions with Pan American cemented her interest in aviation. She recently retired from a curatorial position at the National Museum of American History, Smithsonian Institution.

Michelle Sim was born in Invercargill, New Zealand. She completed a Master of Arts in Classics at the University of Otago before embarking on a museum career, beginning at Otago Museum in Dunedin in 2006. She went on to complete a Postgraduate Diploma in Museum Studies through Massey University joined the team at the Air Force Museum of New Zealand in 2008, a perfect match for her lifelong love of aviation. Michelle has a background in collections and research, having spent six years working in the museum's archive team, before transferring those skills to the more public-facing role she now holds as the museum's Communications Manager.

Alexander Smith is currently an Associate Professor in Sociology at the University of Warwick and an International Visiting Scholar with the Department of Sociology at the University of Kansas.

Russell Smith is an independent scholar currently engaged as a research volunteer with the Royal Air Force Museum exploring the RAF's Colour Bar and subsequent personnel policies. A published author, he has also written and contributed to access and learning events on black British military history at the Tower of London and Leeds City Museum. He serves as a Heritage Ambassador for the Tottenham Hotspur Foundation. His work and research has been funded by a Milford Bursary and a grant from the RAF Historical Society.

Edward P. Soye is a student pilot training on the CT-156 Harvard II in the Royal Canadian Air Force. His civilian experience includes vintage aircraft display flying that ranges from a Harvard formation team to replica W.W.I fighters. His academic background includes an BA (Hon) in History from the University of Toronto and an MA in War Studies from the Royal Military College of Canada. Edward's graduate research focused on German aircraft allocated to Canada as war trophies during and after W.W.I. He is currently updating *Best in the West*, a history of military flight training through the lens of 2 Canadian Forces Flying Training School in Moose Jaw, Saskatchewan.

Nicole Thomas began her heritage training within the field of architecture and specialised in building conservation. In 2008, Nicole became chairperson of the CMA Foundation, a charitable trust responsible for preserving her family's collections of Australian military aircraft, engines, vehicles, and archive. The interest and expertise in aviation heritage was also applied in her advocacy work for heritage items at risk and she was one of the founders of the Uiver Memorial Community Trust. Since 2018, Nicole has been studying Cultural Heritage and Museum Studies and completed her Masters in this area with a research project on Aviation Heritage Communities in Australia.

Ryan Tracy is a guide at the Anzac Memorial in Hyde Park, Sydney. After twenty years full and part-time service in the Australian Army, initially in the Australian Armoured Corps and later in the Royal Australian Corps of Electrical and Mechanical Engineers, including two tours to East Timor, he took his discharge to pursue a career in history. While working as a guide at the Anzac Memorial, he has completed a degree in museum studies. Despite an Army background, he has a passion for Air Force stories and is currently studying the tragic crash of a Catalina flying boat on Lord Howe Island.

Neil Urwin is an environmental scientist and international development specialist. He was educated at Sydney University and has been a research associate at that university and at Glasgow University. For eight years he has been a guest lecturer at the University of Canberra in the uses of GIS and GPS in heritage practice. He has published on European landscape archaeology and in 2013 prepared environmental risk mapping of the Angkor World Heritage site for UNESCO. Working with GML Heritage, Neil has prepared landscape heritage management plans for nine RAAF and FAA bases in Australia, where his long interest in aviation and the environment conveniently came together.

AVIATION CULTURES

Mk.V CONFERENCE

Lucia Wallbank has been an Assistant Curator at the Royal Air Force Museum since 2018. She holds a degree in Modern History from the University of St Andrews and a PgCert in Genealogical Studies from the University of Strathclyde. Before joining the Royal Air Force Museum, she worked at museums in Scotland including Montrose Air Station Heritage Centre. She is particularly interested in military records, the cultural history of the Royal Air Force and women's experiences of war.

Colin Welch, always interested in archaeology, graduated with a first-class degree in Graphic Design (1984), but has spent a career as a professional jazz saxophonist, performing and teaching the instrument. In 2016, he hand-carved a war memorial stone for Denton village in Kent. 'Research Resource Archaeology' has become a full-time professional occupation.

Sean Welch retired from Quality Management in the packaging industry in 2016, having held a life-long active interest in 'conflict' archaeology, collecting and curating a wide-based archive of information. In 2016, he established a Roll of Honour for the 34th Bomb Group, displayed in Mendlesham. Like Colin, 'Research Resource Archaeology' has become a full-time professional occupation.

Geoff Wong was born in the latter half of the 20th century, sharing his birthday (though not birth year) with the first flight of the CAC Wirraway. He has a degree in Aeronautical Engineering and has worked for over thirty years in offshore oil and gas—specialising in structural design. As his career took him further away from his aeronautical background, Geoff found alternative ways to indulge in aviation. As an Australian born of Chinese heritage, he took great delight in sharing his research of Roy Goon (Australian-born Chinese RAAF fighter pilot) with the Goon family.

Olga Zakharova is a New York-based architect.

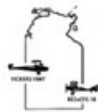
AVIATION CULTURES Mk.V CONFERENCE



Huge thanks to our sponsors, without whom Aviation Cultures Mk.V would not have been possible.



Civil Aviation
Historical Society
& Airways Museum



THE AVIATION HISTORICAL SOCIETY
OF THE NORTHERN TERRITORY INC.
557 Stuart Highway
Winnellie NT 0820
ABN: 11 170 657 354
PO Box 37621
Winnellie NT 0821
Tel: (08) 8947 2145
Email: ahsnt@darwinaviationmuseum.com.au



The Aviation Historian®
The modern journal of classic aeroplanes and the history of flying



**MELBOURNE
AIRPORT**



100 ✈️ | **ESSENDON
FIELDS**

Essendon Airport Centenary 1921 - 2021

Stay tuned for Aviation Cultures Mk. VI at the
University of Southern Queensland, 2022.

