

ADM SPACE

AUSTRALIAN DEFENCE MAGAZINE

SERVING THE BUSINESS OF DEFENCE

SUMMIT 2020

TUESDAY 28 APRIL 2020 | HYATT HOTEL, CANBERRA



PRESENTATIONS FROM:



Luke Brown, *Assistant Secretary – Space and Communications*, **Department of Defence**



Adam Seedsman, *Executive Director – Strategy and Policy*, **Australian Space Agency**



Dr Sarah Pearce, *Astronomy and Space Science*, **CSIRO**



Dr Malcolm Davis, *Senior Analyst*, **ASPI**



Shaun D'Mello, *VP - Launch*, **Rocket Lab New Zealand**



Adam Gilmour, *CEO & Founder*, **Gilmour Space**



Carly Scott, *CEO*, **Equatorial Launch Australia**



Thomas Pfister, *Head of Defence and Space*, **Airbus Australasia**

ADM Space Summit

Tuesday 28 April 2020

9:00 OPENING

Opening remarks from the Chair

Katherine Ziesing, *Australian Defence Magazine Managing Editor and Chair, Australian Defence Magazine*

9:10 KEYNOTE

Developing Australia's Space Sector

- A look at the current work of the Australian Space Agency
- The ASA's new Adelaide HQ and the development of the Australian Space Discovery Centre and Mission Control
- Developments in Australia's Space Industry over the past 12 months and a look ahead to the future

Adam Seedsman, *Executive Director – Strategy and Policy, Australian Space Agency*

9:40 KEYNOTE

The Defence Force in Space

- Space as a growing military domain
- Defence's involvement in supporting and investing in a thriving domestic space industry
- Advances in the utilisation of space technology

Luke Brown, *Assistant Secretary Space and Communications, Department of Defence*

10:10 KEYNOTE

Defence Project 799: Enhanced Satellite ISR Capability

- Update on greater access to commercial space-based capabilities (DEF 799 Ph1)
- Update on planning for a sovereign satellite collection capability, as proposed in the Defence White Paper 2016 (DEF 799 Ph2)
- Path to initial government approval

Philip Shears, *Director DEF799 Phase 2 – Australian Geospatial-Intelligence Organisation, Department of Defence*

10:40 Morning Tea and Networking Break

11:10 Counterspace capabilities and how the ADF can meet the challenge of a contested space domain

- Latest developments in major power counterspace and space denial capabilities
- The implications of the US Space Force, and where Australia as a key five-eyes partner can fit in with this organisation
- Possible paths forward in the coming decade for Australian space capability and its relationship with defence and national security requirements

Dr Malcolm Davis, *Senior Analyst, ASPI*

11:40 Advancing space technology and supporting local industry across Australia

- Airbus' ongoing work in the space domain
- Collaboration with research institutions and universities
- The future of space

Thomas Pfister, *Head of Defence and Space, Airbus Australasia*

12:10 In space refueling

- Reducing space waste through the development of in space refuelling
- How will the technology work?
- Reducing satellite costs

12:40 Lunch and Networking Break

13:50 Current and future Gilmour Space Technologies' projects

Adam Gilmour, *CEO & Founder, Gilmour Space Technologies*

14:20 Rocket Lab New Zealand: Current and future projects

- A look at recent launches and potential launch capacity
- Developing launch facilities and rockets
- How is New Zealand supporting industry in the sector?

Shaun D'Mello, *VP – Launch, Rocket Lab New Zealand*

14:50 NASA's utilisation of Equatorial Launch Australia's launch capacity

- ELA and NASA's partnership – what does this mean for the domestic space industry?
- The value of a launch site close to the equator
- Local industry involvement

Carley Scott, *CEO, Equatorial Launch Australia*

15:20 Afternoon Tea and Networking Break

16:00 Square Kilometre Array Project

- Building the worlds largest radio telescope
- Collaboratively working to deliver the project
- The future of radio astronomy

Dr Sarah Pearce, *CSIRO Astronomy and Space Science, CSIRO*

VENUE DETAILS

Hyatt Hotel, Canberra

120 Commonwealth Ave, Yarralumla ACT 2600

Phone: (02) 6270 1234, www.canberra.park.hyatt.com

ADM Space Summit

Tuesday 28 April 2020

16:30 **PANEL**

Ensuring a sufficiently skilled space workforce

- The future of space employment
 - Attracting STEM skilled workers to a career in space
 - University and research centre involvement in building a space industry
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17:10 **Closing Remarks from the Chair**

Katherine Ziesing, *Australian Defence Magazine* Managing Editor and Chair, **Australian Defence Magazine**

17:20 **End of Conference and Networking Drinks**



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ADM Space Summit

Tuesday 28 April 2020 | Hyatt Hotel, Canberra

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3 Email
info@informa.com.au – Quoting P20K16

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