

AIAA Adelaide Section Council

Minutes of Meeting – Tuesday, 4 February 2020, 6:10 to 7:44 pm

S117 Davis Room, Engineering South Building, University of Adelaide

Distribution: Council members: Sam Aghdam (SA), Mark Bateup (MB), Rey Chin (RC), Ravi-Teja Duggineni (RD), Natalie Hayman (NH), Warrick Miller (WM), Patrick Neumann (PN), Mark Ramsey (MR), Steven Pietrobon (SP), Matthew Tetlow (MT), Melanie Ward (MW). CC: Arnab Dasgupta (Sydney Section Chair), Emily Springer (Manager, Member Communities), Ian Tuohy.

1. Welcome and Apologies (PN)

- Attending: SA (Zoom), RC, SP, WM, PN, MW (Zoom).
- Apologies: None.

2. Acceptance of minutes from last meeting and action summary (SP)

- Accepted minutes from last meeting.

Note: Outstanding items are kept within the relevant section where applicable

3. Correspondence (incoming from AIAA and external) (PN)

a) AIAA Zoom teleconference capability. Sent information to council. Being used by SA and MW for this meeting. Using Region 2/3 account. Allows up to 500 participants. Could have students in remote locations watch our presentations.

ACTION 3.1 PN – Send Zoom information to Educator Associates.

b) AIAA regional coordinator and director elections. PN encourages everyone to vote.

c) Honours and awards. Russell Boyce from the University of New South Wales Canberra, Space Engineering Department elected to Fellow for his work in hypersonics and high energy airflow. PN has won the Lawrence Sperry award for a notable contribution made by a young person, age 35 or under. PN would like to thank nominator Peter Nickoloff and references RC, MR, Pamela Melroy and Megan Clark. Citation is “for continued development of miniature electric spacecraft propulsion systems and ceaseless advocacy for the development of Australian space capabilities.” Other Australians to received this award are Dr. Kimberley Clayfield and Dr. Michael West, six and two years ago, respectively. PN has received invitation to attend gala dinner in Washington, DC on 20 May for award presentation. They are asking the nominator to create a one minute video. While there, he will try to do something with Arthur Sinodinos, the new Australian ambassador to the US.

4. Treasurer’s report (RC)

- CAT III funding. SA yet to send information on funding of University of Adelaide Space Stream. SA looking for \$2000 to \$3000. Could also get funding from the Space Industry Association of Australia (SIAA).

ACTION 4.1 SA – Send RC information on funding University of Adelaide Space Stream.

- Table at the South Australian Space Forum. Cost is \$1000. Haven’t yet booked table. MW can be on table. SP can be there during breaks. Will need handouts. Could use the AIAA standard flyer.

ACTION 4.2 PN – Contact Nicola Sasanelli about getting a table, if its not too late.

- SA received email from Cees Bill asking how much money is left. Sent details of account. Currently have \$6,303.87 in account.

ACTION 4.3 RC – Clarify what Cees is asking for, cc SA.

ACTION 4.4 RC – Check whether invoice for Ady’s presentation has been paid.

5. Membership report (PN)

- Have about the same number of members as at the last meeting. There are two new e-members and two less student members. PN will be creating introduction slides on the benefits of AIAA membership. SA asked if a new student member had joined.

6. Adelaide University student branch update (NH)

- No news to report. MW still trying to make contact. Haven't had a reply to emails. Will be going to visit them on 26 February.

ACTION 6.1 MW – Contact student branch to find out what is going on.

7. Website/Marketing (RD)

- RD not present. MW will contact South Australian Teacher's Association (SATA) after Southern Hemisphere Space Studies Program (SHSSP).

ACTION 7.1 RD – Generate marketing proposal and send to council.

ACTION 7.2 MW – Look into relationship with SATA.

8. Speaker program (PN)

- a) Air Warfare Centre (Flight Testing in Edinburgh). WM reports that the speaker is ready to go. Just need to organise a time and date. Looking at Thursday 27 February or Thursday 5 March in room S112.

ACTION 8.1 WM – Organise date for Air Warfare Centre presentation.

ACTION 8.2 PN – Organise flyer for Air Warfare Centre presentation.

- b) Women in Engineering Panel. MW looking at Thursday, 19 March. Shena Howell happy to be on panel. She was at Northrop Grumman, now at Shoal Group. Could ask Katherine Pegg from the Australian Space Agency. Location is at Flinders University in Victoria Square. Will be booking 80 person room for about 60 people. MW asking how much money could be available for panel. PN suggesting around \$200.

ACTION 8.3 MW – Book room for Women in Engineering Panel.

ACTION 8.4 PN – Send Katherine Pegg's email address to MW.

ACTION 8.5 SA – Contact former student about attending Women in Engineering Panel.

- c) Student Project Presentations. Looking at early in Semester 1 before the Easter break. Chose Thursday, 2 April starting at 6 pm in room S112.

9. Ideas for other future events (PN)

- a) Defence Science and Technology Group (DSTG) Small Sat Talk. SA sent email but had no reply.

ACTION 9.1 SA,WM – Contact Garland Hu to follow up on presentation in mid year.

- b) Melissa de Zwart – Space Law. SA yet to make contact.

ACTION 9.2 SA – Contact Melissa de Zwart about giving presentation in May.

- c) Lloyd Damp – Southern Launch. SA spoke with Helen Loudis from Southern Launch but they are pretty busy at the moment. MW talked with Lloyd after his presentation at SHSSP. He could give a modified version of this presentation to AIAA.

ACTION 9.3 MW – Contact Lloyd about giving presentation on Thursday 30 April.

- d) Ecojet (June). MW will organise this after SHSSP.

ACTION 9.4 MW – Organise Ecojet presentation date.

- e) Gilmour Space Technologies. MW sent email but had no reply. Will try to contact them at the South Australian Space Forum.

ACTION 9.5 MW – Contact Gilmour about giving presentation.

- f) Silentium.

ACTION 9.6 PN – Contact James Palmer at Silentium about giving presentation.

- g) Alice Gorman.

ACTION 9.7 MW – Contact Alice Gorman about giving presentation in May.

h) Flavia Tata Nardini (Fleet Space).

i) Steve Kollias – Ballistic Systems.

j) Airpower Teaming System (ATS) Unmanned Aerial Vehicle (UAV).

k) Simbiant.

10. Any Other Business (PN)

- MW reports that Aerospace Futures is being held in July in Adelaide. Could run a careers night.

ACTION 10.1 MW – Follow up on organising a careers night at Aerospace Futures.

11. Next meeting (PN)

a) Tuesday, 3 March 2020.

12. Close (PN)

- Meeting closed at 7:47 pm.

Upcoming Events

Event	Location	Date
SA Space Forum	SA Convention Centre	19 Feb. 2020
Air Warfare Centre	S112, Eng. South, Uni. of Adelaide	27 Feb. 2020 or 5 Mar. 2020
AIAA Council Meeting	Davis Room, University of Adelaide	3 Mar. 2020
Women in Engineering Panel	Flinders University, Victoria Square	19 Mar. 2020
Student Project Presentations	S112, Eng. South, Uni. of Adelaide	2 Apr. 2020
Southern Launch	TBD	30 Apr. 2020?

Amendments or corrections to the minutes

- Please advise the secretary of any corrections to the minutes of this meeting within seven days of the release of the minutes.

Steven Pietrobon, 11 February 2020.