



## AIAA Adelaide Section Council

Meeting Minutes – Tuesday, 7<sup>th</sup> of Sep 2021,

6:15pm to 8:55pm

Zoom Meeting ID 949 3569 4545

Distribution: Council members: Mahdy Alhameed (MA), Scott Beinke (SB), Rey Chin (RC), Alice Gorman (AG), Natalie Hayman (NH), Samuel Moyes (SM), Nathan Morrissey (NM), Patrick Neumann (PN), Melanie Ward (MW) CC: Emily Springer (Director, Communities Support), Cees Bil (CB Region VII Director), Ian Tuohy (Past Chair), Lindsay Mitchell (Programs Manager, Regions & Sections), Dawn Hui (Sydney Section Chair), Mark Bateup (MB)

### 1. Welcome & apologies Attending (PN)

- Attending: MA, RC, PN, SM, AG, MB
- Apologies: NH
- Mild Apology from MW, joining a little later

### 2. Introduction of council members (PN)

Welcome and introduction for in person attendance from MA, MB, SM

- MA first year aerospace student at the University of Adelaide
- MB is a long time associate of AIAA, working for DST for over 20+ years, background rocketry and hypersonics.
- SM works at Myriota as product assistant and studying at Flinders University, studying international relations and political science.

### 3. Acceptance of minutes from last meeting and action summary (PN)

- SM did minutes for last meeting, due to MA being an apology for an Engineer's Australia event.

**ACTION 6.1 (PN) OPEN**– Contact the South Australian Science Teachers Association to publicise free educator associate and high school AIAA memberships.

- PN been doing that at every conceivable opportunity to various different teacher groups.
- PN has been hammering free memberships, done a couple of education outreach and been using those contacts to publicise for the upcoming panel before the forum.

**ACTION 6.2 (RC) OPEN** – Follow up on possible AIAA table at Science Week and Science Alive events.

- RN said science Alive will be happening in November (confirmed). Trying to get as much support, such as AYAA and university.
- AG said she will bring the inflatable space shuttle.
- PN will try to display something from Neumann Space.

**ACTION 6.2.1 (MW) OPEN** - Check with clubs/ societies at Flinders to see if any could contribute to science alive.

- MW said space club is keen and awaiting further detail. Queued up a few interested students and left it as they moved science alive mid exams, may have difficulty retaining those volunteers. Thus, will come back to it during mid semester break.

**ACTION 6.2.4 (MA) OPEN** – Speak with Adelaide Rocketry Division (ARD) and Adelaide Rover team (ART) to see if they would be interested in doing something for science alive.

- MA said ARD won't be having a launch anymore due to launch site being interstate and currently in lockdown.

- MA spoke to Henry (Director) from ART though he hasn't gotten back yet (Action open)  
**ACTION 6.2.4.1 (MA) - Follow up with Henry to see if they would be interested in doing something for science alive.**

**ACTION 6.2.5 (AG) OPEN – Check with research team if there are any potential visuals that could be utilised.**

- AG made a few inquiries, though didn't really come up with anything, though will keep on that.

**ACTION 9.2 (PN) OPEN – Arrange flyer for Dr. Jason Held's presentation.**

- PN has rescheduled to 21<sup>st</sup> of October.
- PN will get in contact with Rebecca (believes so) who is Jason Held's assistant.

**ACTION 9.4 (PN) OPEN – Contact Boeing about giving presentation.**

- Boeing had said it will come.

**ACTION 9.5 (MW) OPEN– Contact colleague for making contact with the SA Aviation Museum.**

- Not done, will get back during mid semester break.
- PN said would like to have some aviation focused in early December as a tour, lecture or talk at the museum as would be good for the aero part of the AIAA membership.
- PN said if weekend thing it would be good, gives time to have a look at the museum.

**ACTION 9.6 (PN) – Contact Nico Sasanelli and Enrico Palermo about organising a space panel before the next ASF.**

- PN said Gilmour Space technologies will try to hold them into a panel for the next Space forum scheduled for September.

**ACTION 9.6.1 (PN) – Follow up with organising a space panel before the next ASF.**

- RC has booked Flentje theatre in Bar Smith South, lecture theatre has capacity of 305 and currently we are at three quarter capacity. Capped tickets at 200. Event at 5:40pm on the 14<sup>th</sup> of September, though organised event to kick off at 6:30pm to give speakers enough time to get in and setup. Members will need masks. Covid marshal training and will need badge.

**ACTION 9.6.2 (PN) – To organise QR codes for Covid check-in. A few people to get there covid training done (link to be sent), badges for Covid marshals and hand sanitiser to be bought.**

- MW said she has posted the event on her linkedin.
- PN said if people want to spam their friends and family, especially if happen to know any teachers that might be interested.
- PN said anyone could attend that would be interested in space to show there is a future to be studying in these cool and fascinating fields in Adelaide. Thus, kicking off the event with Nicole from Myriota and finishing off with Melissa at Flinders.

**ACTION 9.7 (PN) OPEN – Contact DSTG staff about small satellite presentation.**

- PN said as part of the panel will be talking to Paul and Sholta and saying what could we do about small satellites. They want to do an encore presentation to a more technically minded audience, possibly to do in conjunction with student branch so that the student members could see what's happening in the field in Adelaide.

**ACTION 9.8 (MW) OPEN – Contact Ecojet to organise presentation date.**

- MW said leave open

**ACTION 9.9 (AG) – Approach Will Anthony to become AIAA member**

**ACTION 10 (MA) – Stem outreach for Space forum panel**

4. Correspondence (incoming from AIAA and external) (PN)
  - a) Section awards

- Placed in all six regular awards categories, two of those, first place for young professionals and section student branch, all the others we came in third. Which counts into section annual report.
- MB said as plan for these events frame these as what it will be equal to so that the Adelaide section could be more recognised.

b) Space forum (PN)

- We have a booth, put PN & MA as the two people for the complimentary tickets and NH as student ticket. Space forum ticket is still open.

b) Sarah Baker careers bay (PN mentioned)

- Sarah is running a careers bay for a couple of days at lot fourteen on the 16<sup>th</sup> & 17<sup>th</sup> September. Her advanced science technology group are running a table, they got AYAA involved and wondering if we are able to provide people for the booth, though PN said unsure if we got the time/ people power bandwidth to be involved. PN said will bring this to the students to see if they got a free hour or two to wonder over.

**ACTION 4.1 (PN) - Introduce Sarah Baker to MA via email to see if this is something that the student group could support.**

5. Treasurer report (RC)

- Nothing much this month, except the budget audit which was completed and sent to PN.
- Current balance is \$3000+

a) Student Project proposals (RC)

- RC said AIAA sponsors three student projects. Thus, have to give students a heads up for presentation for AIAA grant so they can prepare. At least 2 weeks in advance.
- RC said they will be presenting to AIAA members.
- PN said we will either try to fit it in Region 7 student paper competition, or have them either have them use us as for faculty day presentation. As AIAA has Jason Held's presentation we can have student present a week either side. Depending how exam breaks go, mid-October or end of October should be ok. PN said if we could do it in SWOTVAC they will have some time to breath. If willing to take an evening for presentations.
- PN suggested if there is two weeks break and first week back, they are presenting to faculty we can have it second week of break.
- RC looking at either 6<sup>th</sup> or 7<sup>th</sup> of October for presentations.

**ACTION 5.1 (RC) - Speak with student project teams and speak about a date for presentation.**

- MW said they won't need their whole project team only one from each group is required.
- PN looking to make the presentation hybrid available, looking to wrap up presentations in slightly under an hour and kick-off 6:30pm'ish and get done 7:45pm'ish.

**ACTION 5.2 (RC) - to book lecture theatre for presentations.**

- MW would like to send specific invites to local businesses in CBD saying "hey we got a few students who finished their grant projects, if you have the opportunity to come in, they would appreciate your time etc" like Stone & Chalk. Additionally, membership list and getting them more engaged.
- MW asked RC if he could send specific email contact list of student project emails so that day before could send them link for zoom.

**ACTION 5.3 (RC) - Send MW student email list for projects.**

- PN said might be worth dropping a line to Cass funding for Space forum & science alive.

**ACTION 5.4 (PN) - Speak to Cass funding for Space forum & science alive**

- PN said AVALON has been unfortunately cancelled in Melbourne. The plan was to have this year student paper conference with Australian international aerospace conference as happening same time as AVALON, so that AIAA members could get in for free into the airshow.

- PN had a meeting with Cass & Simon was, members of the executive team in Adelaide to put it out that people who would like to volunteer their time for student paper conference (at the time of this meeting there are 9 completed submissions and 20 uncompleted).
  - PN thinks anyone in professional branch could become a judge, though someone else might disagree. RC said in the past anyone who is an academic could not be a judge, have to be a member but not an academic.
- ACTION 5.6 (PN) - to double check and forward on student conference paper judging (rulings)**

## 6. Membership report (PN)

- PN says we got more highschool members on the section engage page.
- MB says for decades it was hovering over at 30-35 members, PN says we probably have 35-40 non-uni student members and non highschool student members, 12-15 senior members. Anything between 1-3 associate fellows and 5 educator associates.
- MW said expect this will go up in science alive.
- RC asked when do we move from very small section to small section, PN said he thinks 100 members.
- \*Discussion on why numbers aren't going up faster\*: MW said a lot of students don't actually know what a club is, AG said every single member at Inovor & Myriota should be a member of AIAA. PD said he has had discussions for corporate membership at Neumann space as Australian Space Agency has a corporate membership.
- MW suggested a recruitment lunch for marketing and CEO's
- MB asked what's price and the value composition in getting a corporate membership. PN said \$500 USD a year and corporate subscriptions to journals, discounts to courses that count for professional development (certification purposes) and webinars.
- MW said once leaving Uni, people want to have access to some sort of professional resource. MB said if ever going to publish an aerospace paper, you had to go to an AIAA conference, and attendance in conference would qualify you for membership. Though encouraging corporate membership is an interesting way to go about it. AG suggested we could do both - if companies aren't willing to get a corporate membership, then encouraging members to take individual memberships.
- MB suggested lifetime membership which is equivalent to 10 years of membership.

**ACTION 6.1 (AG, SM & PN) - Have lunch with Alex Grant to discuss membership opportunity.**

**ACTION 6.2 (AG & MW) - Investigate a membership recruitment event for SA businesses-targeted at CEO's to take up corporate membership (Hitlist of companies)**

## 7. Adelaide Uni Student Branch update (NH)

- MA said the student branch recently had the industry night with Frazer Nash consultancy, DEWC Systems and Smartsat CRC which went well. PN adding that there was about 30 attendees.
- MA said the next thing coming up is the BBQ which will be after mid break (first week).
- MW suggested MA to make list of all the engineering professors and have that as a standard email list, one of the tasks in the student committee could be to just make sure that the professor is still there (every term).
- MA said not a significant increase in membership, and thinks it's because it's a marketing thing, where AIAA only seems to be aerospace orientated and since not a significant number of students study it, other engineering students think it's just an aerospace club. PN suggested hammering away all the other fields that go into space and are informed by space, example software, telecommunications, agriculture, geoscience. Thus to market as space is for everyone.
- MA said student branch have two new general committee members

**ACTION 7.1 (MA) - Ask if date of student branch for AGM has been set**

## 8. Website / Marketing (MW)

- MW said our mail list, mailchimp was bouncing as don't have mailing certificate to say we are a gmail address.
- MW was wondering if Adelaide section could have a chat with Lindsay or Lucy to have an actual email address certificate, thus more people will receive email. MW said we have 500+ members signed up though 1% opening email. Suggesting a .org address to connect that with mailchimp.
- PN clarified by saying we currently we have a mail chimp mailing list, and the login is the AIAA email address. With that same email address accounts with Eventbrite to tie it altogether. And the AIAA headquarters have 6 zoom accounts, each could hold 500 people.

**ACTION 8.1 (MW)** - Speak to Lindsay or Lucy for a section or corporate .org email for two emails, a professional and student branch email address.

## 9. Speaker Program (PN)

### a. Aerospace Medicine (MW)

- MW said it was a good first show. It became more engaging when it came to the Q&A. MW suggested space education.
- MW said the attendance peaked at 30.
- Dr Rowena Christiansen (one of the speakers) became an AIAA member.

### b. Adam Dipert (Space Juggling) – MW

- MW said the space juggling gave a more laid-back perspective on the art side of aerospace. Audience responded well, good engagement in chat, Adam was a seasoned speaker which made it helpful.
- MW said attendance peaked at 19.
- AG suggested we should invite him back down the line.

### c. Space Forum Panel – 14th Sep (PN)

- Covered previously. Refer to correspondence.
- MW said there will be two volunteers from Flinders University space club.

**ACTION 9.1 (MW)** - Send PN student contact emails via email for volunteers. So that PN could send covid marshall training.

### d. Jason Held – rescheduled to 21st October (PN)

- PN will be in contact with Jason's assistant.

### e. Space4Women – (MW)

- MW said to keep open.

### f. Boeing Loyal Wingman - Still open

- PN said they will get back to him.

### g. Gilmour (PN)

- Tried to get them for panel, though elected not to, due to uncertainty of travel due to covid. Kept open for possibly next year.

### h. DSTG - Still open

#### 10. Any Other Business (PN)

- MB said there will be some local Adelaide reps to represent Southern launch and Taiwanese mods.
- MW suggested when having chat with Lloyd, if Southern launch would be comfortable having someone from indigenous background be nominated as a spokesperson.
- PN said the AIAA book of the month is Satellite collision probabilities. (20 US off for being a member)
- AG said AIAA have bought a subscription for engineering, technology, history wiki, they are keen for AIAA members to write entries on this wiki, to justify subscription. AG has sent this to mods.
- AG said Julia Mitchell has a display at the SA museum.
- MA mentioned DBF project and how we could look into rebooting the project for student sections. PN said have a look into it and would be happy to support it. RC said he might be able to get the university support.

11. Next meeting: 6pm, Tue 5<sup>th</sup> of October at Davis room (hybrid meeting)

#### 12. Close (PN)

- Meeting closed at 8:55pm

Event	Location	Date
Space Forum Panel	Flentje Theatre and Online	14 <sup>th</sup> September
Space Forum	Adelaide Convention Centre	15 <sup>th</sup> September
Dr. Jason Held	TBD	21 <sup>st</sup> October
Science Alive	Adelaide Showground	19-21 November
Space4Women	TBD	TBD.

#### 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.

**Mahdy Alhameed, 7<sup>th</sup> of September 2021**