

2022/23 AIAA Orange County Section 13 February 2024 Council Meeting Zoom

Minutes

Attendees:

Roman, Dino – Chair
Andrews, Eric – Treasurer
Bergman, Jacob - UCI – Guest
Chua, Janine – Member at Large
Hart, Jody -- Communications
Hebison, Jason -- YP
Huynh, Jacquie – UCI Faculty -- Guest
Justin, Gene — Secretary
Kilik, Erol -- Career and Professional Development
Kurzahls, Peter -- Programs
Rajasekhar, Vishnu – UCI Student Lead – Guest
Tran, Andria - UCI – Guest
Welge, Bob – Membership

1. Open

Chair Dino Roman

- Meeting was called to order at 6:08 PM.
- Chair Dino Roman discussed: ASAT -- Saturday, 18 May 2024 at UCI.
 - o Dino Roman and Jacquie Huynh/UCI-Faculty discussed the catering options.
 - o Whole day catering may be the way to go.
 - o Dino discussed San Gabriel Valley (SGV) Section wanting to co-sponsor ASAT.
 - o Bob Welge reported: Held our Virtual Meeting with SGV (SGV Chair Hemali Vyas, and Dino and Bob W) agreeing to jointly organize the ASAT for 2024.
 - o Bob sent the "Save the Date" ASAT 2024 notice to Lindsay/AIAA for posting and promotion at the Institute level.
 - o Dino suggested that SGV could provide a Key Note Speaker.
 - o Dino needs to confirm his Key Note Speaker.
 - o One price for students this year.
 - o SGV agreed to share costs, Pay Pal.
 - o Dino wants to meet again with SGV and discuss cost figures, and Speakers.
 - o Dino wants to particularly talk about handout/promotional swag items costs.
 - o Parking Sponsor is another item to discuss. No parking sponsor so far
 - o Dino wants to send out a "call for papers" by the last week of February or the first week of March.
 - o Will need Jody Hart to send out a "save the date" notice for now.

- On 2024 Region VI Student Conference, Santa Clara University, and 2025 Region VI Student Conference at UCI, Jacob Bergman/UCI said the following.
- Upcoming Conference in Santa Clara is covered. 11 from UCI will attend.
- Will work the other Conferences/plans this Spring.
- Andria Tran/UCI is helping the UCI Student Section.
- On visit to UCI, Dino said that Boeing representatives, including Dino himself, will be visiting the UCI/Rocket lab in early March.
- On Vice Chair – Eric Andrews agreed to move over to “Temporary VC.”
- Eric Andrews has a candidate for temporary Treasurer.
- Eric will provide the info to Bob Welge and Dino Roman.
- Eric will mentor the Temporary Treasurer.
- Eric would run for Chair for next year.
- Dino suggested Jason Hebison for VP for next year. Jason was okay with this.
- Gene Justin made a motion to name Eric temporary VP effective today.
- Motion 2nd. Council approved Eric Andrews as temporary VP.
- Dino said that next year funding from AIAA may be at the 50%, not 100%.
- Council will track spending requested/spent at these meetings.

2. Minute Taker, Record Minutes

Gene Justin

3. Old Business

Chair Dino Roman

- No Report.

4. Approval of Minutes

All

- The January Minutes were sent out before the meeting.
- Gene Justin made a motion made to approve the Minutes as submitted.
- Peter Kurzhals 2nd. Council approved the January Minutes as submitted.

5. Financial Report

Eric Andrews

- Eric emailed out the Financial report prior to the Meeting.
- The bank balance matches the report.
- Bolsa Chica Storage Invoice was paid, \$499, for the next 6 months.
- Eric went over Pay Pal.
- Peter Kurzhals made a motion to approve the Financial Report as submitted, Gene Justin 2nd, and Council approved.
- Eric reviewed again the December report.
- Bob Welge noted: In December, \$654.97 was transferred from Chase account to Bob Welge as reimbursement for Council December holiday dinner.
- The restaurant pay system would not accept the AIAA Council's debit card.
- The December report does not need to be revised. Correct as submitted/approved.

6. Membership

Bob Welge

- Bob Welge sent in his input for the minutes:
- Attended the January RAC meeting and emailed summary notes to Council.
- Bob added the DDs and the Section Chairs for the Western region to the distribution list for the Program and Professional Development webinars. (Action for RAC meeting in September).
- UCI completed the Stoplight Chart for Student Branch for January RAC.
- Nothing on encouraging membership upgrades.

7. ASAT 2024

Colin Helms (Not Present)

- Colin will help out on ASAT, depending on his work schedule.

8. Around-the-Room

All

- Programs -- Peter Kurzhals (emailed in his report, and discussed at the meeting.)
 - o On December 13, 2023 at noon PDT, Todd Barber, Senior Propulsion Engineer, JPL presented a 90-minute virtual lecture on "The Past, Present and Future of Propulsion at NASA Jet Propulsion Laboratory. "
 - o On 14 February 2024 one-hour Virtual Lecture at noon PDT on "The Next Aeronautics Revolution" in a sixty-minute lecture by Vanessa Aubuchon, Aeronautics NASA Manager of Revolutionary Aviation Mobility Sub-Project in Transformational Tools and Technologies Project.
 - o On April 17, 2024 at noon PDT one-hour Virtual Lecture on "Once There Was an Arrow", by Walter Gordon, Business Development Manager, Moog Space and Defense Group (Retired).
 - o On 19 June 2024 one-hour Virtual Lecture on " Sustainability and Technology Roadmapping" (Invited) by Nayanapriya Bohidar, a Research Engineer and Manager, Propulsion Engineering Team, Aurora Flight Sciences.
 - o On 21 August 2014 one-hour Virtual Lecture on "New Horizons; NASA's Mission to Pluto & the Kuiper Belt" (Invited) by Alice Bowman, Mission Operation Manager, New Horizons Mission, John Hopkins University Applied Physics Laboratory.
 - o Peter also reported: Invited Kevin G. Bowcutt, Boeing Huntington Beach, to give a virtual talk on "hypersonics" similar to the in-person lecture he recently gave at UCI. Bowcutt has not responded to Peter's emails.
- o Public Policy -- Kamal Shweyk (Not Present)
- o STEM Programs/Rockets – Binay Pandey (Not Present)/Advisor: Bob Koepke, Rocketry.
 - o Binay emailed in his report.
 - o SLI team – The 10 February launch got cancelled due to rain.

- Now team is planning to launch their full-scale rocket on 24 February at the Mojave Desert Advanced Rocketry Society - MDARS.
- SLI Team will submit Flight Readiness Review (FRR) documentations to NASA by 4 March after successful full-scale rocket launch.
- The SLI FRR Review meeting with NASA panel is scheduled for 14 March.
- TARC -- Launches are getting cancelled due to rain.
- TARC Teams are gearing up to start launching soon and go for TARC qualifications by end of March.

- Education Programs – Alec Rah (Not Present) / Advisor: Jann Koepke
 - Alec Rah emailed the following.
 - Saddleback reach-out is in progress.
 - Alec is working on an educational field trip opportunity to a local airport in LA for UCI aero students.
 - There are a one-seater helicopter and a one-seater electric flying car, both prototypes.
 - UCI students may find it inspirational / motivational.

- Communications – Jody Hart
 - Working on the Programs with Peter and with Erol
 - Will work on a “Save the Day” page for ASAT 2024.

- Career and Professional Development – Erol Kilik
 - Erol said 3 Programs so far.
 - Bob C Winn, January, 1 hour, title “Ethics in Engineering.”
 - Daniel Adamo, January, 2 hours, DSL, title “Interplanetary Cruising with Earth to Mars Transit Examples.”
 - Walter Gordon, February, 1.5 hours, DSL, title “Ten Things I did not learn at War College.”
 - Peter Kurzhals suggested Erol plan on every other month schedule, alternating with Peter’s Programs. Erol was okay with this.
 - Upcoming programs are:
 - Angela Trego, 1 hour, title “Mentoring: A few Best Practices.”
 - Paul Bevilaqua, 1.5 hours, DSL, title “Design for Best Value.”
 - Erol discussed classes. Will work on this.
 - Nothing on Design(/build/fly) competition/lead.

- Honors and Awards – Lotfi El-Bayoumy (Not present)
 - Lotfi emailed in his report.
 - No one in industry has responded to Lotfi’s invitations.
 - He will keep sending them until he gets some positive responses.
 - No discussion on how to be supporting the National awards.

- YP – Jason Hebison
 - o No discussion on YP programs.

- Members at Large – Paresh Patel (Not Present), Alice Chien (Not Present), Janine Chua.
 - o Janine Chua willing to help with ASAT, and UCI Student Section, if needed.

9. New Business

All

- No Report.

10. Next meeting

- Next meeting, Tuesday, 12 March 2024, 6 PM.
- Dino will work with Colin Helms on setup the Zoom for the March meeting

11. Adjourned

All

- The February AIAA OC Council Meeting was adjourned at 7:05 PM.

Recorded by: Gene Justin.