

2022/23 AIAA Orange County Section 16 January 2024 Council Meeting Zoom

Minutes

Attendees:

Roman, Dino – Chair
Andrews, Eric – Treasurer
Bergman, Jacob - UCI – Guest
Chase, Ryan - UCI – Guest
Chua, Janine – Member at Large
Hebison, Jason -- YP
Helms, Colin – ASAT
Huynh, Jacquie – UCI Faculty -- Guest
Justin, Gene — Secretary
Kilik, Erol -- Career and Professional Development
Kurzahls, Peter -- Programs
Pandey, Binay -- STEM Programs/Rockets
Rah, Alec – Education
Rajasekhar, Vishnu – UCI Student Lead – Guest
Welge, Bob – Membership

1. Open

Chair Dino Roman

- Meeting was called to order at 6:05 PM.
- Chair Dino Roman discussed: ASAT, date, and who will take the lead.
 - o Dino Roman said the date is 18 May 2024 at UCI.
 - o Jacquie Huynh/UCI-Faculty confirmed.
 - o Section will need to checkout the website for new catering options.
 - o Dino says with need an UCI focal point, and no parking sponsor so far.
 - o Vishnu Rajasekhar/UCI can help.
 - o Dino discussed swag for ASAT. Dino will check out the options.
 - o Dino said that San Gabriel Valley (SGV) Section wants to co-sponsor ASAT.
 - o Dino suggested that SGV could provide a Key Note Speaker.
 - o SGV wants have every other year ASAT at San Gabriel Valley, i.e. at JPL.
 - o Gene Justin said that parking at JPL is limited. And, SGV is a drive. Might limit OC/UCI participation.
 - o Bob Welge agreed to set up a small group including with Dino Roman and Colin Helms to discuss the SGV options.
 - o Bob will set up a call/meeting with SGV.

- Bob and Dino need to report back to the OC Council on SGV by the February OC Council Meeting. Will need Jody Hart to send out a “save the date” notice.
- Dino Roman and Bob Welge need to discuss off-line the vacant Vice Chair slot.
- UCI (Ryan Chase/PM and Daniel Steiner/CE) made a presentation on the UCI DBF (Design, Build, Fly) Project.
 - Alec Rah discussed innovation and DBF.
 - Dino Roman said that the airframe is a well understood baseline.
 - Ryan Chase/UCI is interested in seeking feedback and mentoring.
 - Ryan Chase/UCI will work with Dino Roman.
 - Dino thanked the UCI DBF team for presentation.

2. Minute Taker, Record Minutes

Gene Justin

3. Old Business

Chair Dino Roman

- No Report.

4. Approval of Minutes

All

- The November Minutes (Last Minutes) were sent out before the meeting.
- Motion made to approve the Minutes as submitted, 2nd, and approved.

5. Financial Report

Eric Andrews

- Eric emailed out the Financial report prior to the Meeting.
- The bank balance matches the report.
- Eric also went over Pay Pal.
- Motion made to approve the Financial Report as submitted, 2nd, and approved.

6. Membership

Bob Welge

- Bob Welge sent in his input for the minutes:
 - Working on piece for promotion of advancement in member grade for email distribution through Constant Contact, listing membership level, brief description, nomination time period and link to AIAA site to for more details, and begin the process.
 - Preceding this, would be a paragraph describing the advantages of member level upgrades.
 - Will use the Council credit card to pay online Bolsa Chica Storage Invoice--\$499 for next 6 months.

7. ASAT 2024

Colin Helms

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

8. Around-the-Room

All

- Programs -- Peter Kurzhals (emailed in his report, and discussed at the meeting.)
 - 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. Since JPL no longer supports Zoom, this process involved a large file transfer (LFT) of 55 complex and interactive charts, which Peter then downloaded and shared during the lecture. That participation kept Peter totally focused on calling up and sharing each chart as Todd called for it, so Peter was unable to get a headcount for the lecture. (No inputs from Council members on the headcount for the lecture.).
 - On 14 February 2024 at noon PDT, Vanessa Aubuchon, Aeronautics Project Manager, NASA will present a virtual lecture on "The Next Aeronautics Revolution" in a sixty-minute lecture.
 - On April 17, 2024 at noon PDT, Walter Gordon, Business Development Manager, Moog Space and Defense Group (Retired) will present a lecture on "Once There Was an Arrow" in a sixty-minute virtual lecture.
 - Peter reported: Many thanks to Jody Hart for developing and distributing the flyers, and to Colin Helms for providing the meeting Zoom links.
 - Erol Kilik has suggested inviting Kevin G. Bowcutt, Boeing Huntington Beach, to give a virtual talk on "hypersonics" similar to the in-person lecture he recently gave at UCI. Peter will be glad to invite Bowcutt for the June 19, 2024 lecture if the Council agrees. Dino Roman is okay with this.
- Public Policy -- Kamal Shweyk (Not Present)
- STEM Programs/Rockets – Binay Pandey / Advisor: Bob Koepke, Rocketry
 - SLI team is progressing, working on launch for February.
 - TARC teams (3 teams) are progressing too.
 - TARC teams working toward a 9 March launch date.
- Education Programs – Alec Rah / Advisor: Jann Koepke
 - Alec Rah is working with CSU Fullerton.
 - CSU Fullerton not interested, based upon past bad experiences.
 - Alec Rah will reach out to CSU Fullerton again, and will move on to Community Colleges.
 -
- Communications – Jody Hart (Not Present)

- Career and Professional Development – Erol Kilik
 - o Erol sent in the following items on the upcoming presentations for Professional Development Series, in the order of dates (all are in 2024, all start times are 1200, Noon Pacific Time. DSL below means Distinguished Speakers List.)
 - 1- Bob C Winn, Jan 19th, 1.0 hr, new bio, title “Ethics in Engineering.”
 - 2- Daniel Adamo, Jan 31st, 2.0 hrs, DSL, title “Interplanetary Cruising with Earth to Mars Transit Examples.”
 - 3- Walter Gordon, Feb 9th, 1.5 hrs, DSL, title “Ten Things I did not learn at War College.”
 - 4- Angela Trego, Feb 21st, 1.0 hr, new bio, title “Mentoring: A few Best Practices.”
 - 5- Paul Bevilaqua, March 6th, 1.5 hrs, DSL, title “Design for Best Value.”
- Honors and Awards – Lotfi El-Bayoumy (Not present)
 - o 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 Noting to report.

9. New Business

All

- No Report.

10. Next meeting

- Next meeting, Tuesday, 13 February 2024, 6 PM.
- Colin Helms is the Zoom contact.

11. Adjourned

All

- The January AIAA OC Council Meeting was adjourned.

Recorded by: Gene Justin.