

AIAA LA-LV Section Council Meeting Minutes

August 11th, 2020 6:00 PM PDT – Virtually Conducted

Meeting Location: Webex

Call to order – 6:00 PM

Attendees:

- Sai Nandyala
- Chandrashekar
- Seth Potter
- James E
- Ian Clavio
- Ken Lui
- Kushbu Patel
- Eric Graham
- Marsha
- Brett Cornick
- Dennis Wonica
- Marty Waldman
- Veronica
- Marilyn McPoland
- Robert Baker
- Aldo
- Fred Lawler
- Jordan Chillcoth

New Member Introduction:

- Kushbu Patel – from Houston, TX. Graduated from UT Austin in BS in Aerospace with Computational Sciences. Working in Virgin Orbit. Currently at Relativity Space. Working on HIL Testing

6:00 PM – Call In, introductions, networking, and COVID updates

6:30 PM – Call to Order. Reading and approval of the Minutes of Last Meeting

- Minutes approved

6:40 PM – Veronica on Letter from Kamala Harris

- Letter wrote to Kalama in May of 2018 when she was a senator who just got nominated to be the VP
- Kamala contacted veronica for STEM outreach

- Also got a letter from Dana – House of Rep.

6:50 PM - Chair's Report – Chandrashekar

- Experienced folks with multiple steps in their career. A request for volunteering has been made. Example: Jim and Seth
- Award ceremony tomorrow. Ken Lui and Dean Davis running for a nomination.

Activity Discussions and Updates:

- Membership & Awards – Aldo Martinez
 - Contacting members who dropped to gather feedback?
 - We are plateauing. We need to analyze why and we need to gain numbers
 - Project Boom – contacted recruiters from NG, LM, SX, Aerion, Tesla, Raytheon, Hermeus, SL, Boeing, JPL
 - Design review next week for paper presentation
 - Designing a UAV that breaks the sound barrier
 - Designs to be built using SolidWorks and Siemens NX
- Event/Program – Kenneth Lui
 - Apollo event and Vikings anniversary events were held online
 - Events during the month of August were shown and briefed
 - Event tickets sales – Pros and Cons were discussed
 - RSVP number dropped but change in attendance was very little
 - Council members don't need to specifically sign up for events. They can contact Ken or Shekar and will be provided access to attend by default
 - AIAA-LALV.org ENGAGE was discussed
- Ambassador's Report – Seth Potter
 - Shekar requested mentoring for younger members
 - Long career in aerospace industry and multiple roles
 - Ambassador represents three organizations:
 - NSS, A-MAN (STEM International Science Center), and Aerospace Legacy Foundation
 - NSS
 - Discussed International Space Development Conference cancellation
 - "A Day in Space" free broadcast event was held on 16th July
 - ISDC returns to LA 27-30 May 2021

- Space Settlement Summit in the LA area to be on 11-12 November 2020
 - Many other virtual events are planned by local OASIS – LA Chapter
 - A-Man incorporated – STEM organization
 - Affiliate organization in Cape Town. A kickoff event was to be held in March but was cancelled due to COVID
 - ALF
 - Promotes history of aerospace in SC
 - Holds events at the Columbia Center
 - Next board meeting/ membership meeting is on Sept 12th 2020
 - Semi-annual OuterRimCon is on the 26 Sept. (postponed from 29th August) – Completely virtual and a link can be provided if someone's interested
 - IEEE
 - LA IEEE Microwave Theory and Techniques in the LA chapter will be spoken about on 18th August virtually. If interested, anyone can reach out to Seth
- STEM K-12 – Casey Moringhoff
 - Unable to make it to the event
 - Vice Chair (7:00 PM) – Fred Lawler
 - STEM Outreach calendar was shared and discussed
 - If anyone is interested in adding to the list or volunteering for any events, please contact Fred
 - Fred is also a liaison for other active societies in the region
 - California Science Engineering Fair requires judges. Event to be held late spring.
 - Proposed YP Fall 'Kick-Off'
 - Virtual Event hosted by several societies with main speaker Irvin Huang who's a current IEEE – OC Chair and Former YP Chair
 - Event held on Sept 21st @ 7 PM to discuss key high0tech topics and demos: Raspberry Pi, PCI Gen 4, and Home Security systems
 - STEM Event Fall 'Kick-Off' – “Explore Mars!” - Virtual
 - Friday Afternoon Zoom event on Mars. Event on 25th Sept or 2nd Oct.
 - Mars Rover Simulator (Alan Chan)
 - Mars Science Lab (Anita Sengupta)
 - Mars Trivia Contest

- Mars Rover – JPL Speaker
- Next Rover/Society Expo – tentative date: 20 Mar, 2021
 - Mars Rover Landing set for Feb 18
 - Easter/Passover/Spring Breaks: Mar 27 thru Apr 10
 - JWST Launch Date: Nov-Dec
- AIAA CSULB - Ambassador's report
 - Eric Graham and Ian reports:
 - CSULB/COA News
 - Fall 2020 all classes are virtual
 - Virtual week of Welcome
 - Dr. Priest is the newer director of AVEP. It gives transfer students opportunity for students to attain ME or EE degrees within 2.5 years and gain internships or long-term employment within the aerospace industry
 - ESRA/LBA News
 - Continuing projects via online workshops. Additional funding required to finish up solid rocket
 - Work being done towards SPACL research and rocket competitions
 - Plans for Fall 2020 – All classes are virtual
 - Resume workshops – Fred Lawler is willing to do one for CSULB
 - Looking for speakers in general topics in aerospace
 - Kushbu volunteered to be a speaker
 - Start planning for outreach events with AIAA LALV
- Treasurer – Marilyn McPoland
 - Comparison of June and July for revenues
 - No major change in attendance of events when charged vs. free
 - Marilyn to update the team with the latest balances in the bank accounts
- Young Professionals Chair – Brett Cornick
 - Recap of the trivia night
 - Total 9 attendees, 7 stayed the whole time

- Positive feedback from attendees. 3 winners received free admission to one of the \$5 online events
- Upcoming virtual events
 - Targeted mini happy hour – Aug 14th – RSVP link, survey, and announcement sent out
 - Trivia Night Round 2 – TBD September
 - AIAA – IEEE Co-event: Raspberry Pi and Optimization – End of September
 - SpaceX Crew Dragon launch watch party – TBD September Launch Date
- Increasing event attendance
 - Better prices/raffle items?
- Las Vegas Activities – Marty Waldman
 - Submission for small modular reactors was accepted. Needs to get a Nevada spin on the reactor.
 - Very small nuclear powered spacecraft for space application is underway
 - NDIA – Not directly aerospace related but its more in the Physical Security realm with aerospace application. Homeland security implications. It can work with aircraft systems.
 - Electronic warfare event via aircraft with an electronic warfare pilot to be a speaker on an unclassified briefing on this – roughly in a month or two – hybrid event with in-person or virtual
- Career and Workforce – James Kowalski
 - Discussed role and responsibilities for the career & workforce chair according to bylaws
 - Contact Jim for mentorship or if anyone is looking for assistance in career development
- Technical Chair – Gary Moir
 - Unable to make it to the event
- Public Policy – Jordan Chilcott
 - Internal communications for the voting council members was discussed in detail
 - Not to do emails between each other – voted last meeting
 - We voted to use Slack and additional suggestions
 - AIAA Engage – platform where members can post discussions and forums
 - Learn and browse about AIAA community and events
 - Centralized, so we can schedule events, discussions, snoop on other members, etc.
 - Slack – platform where members can post discussions

- Fair and honest Slack vs. Engage pros and cons were discussed
- Enterprise Chair – Dennis Wonica
 - New Union Bank
 - ATM card access does not mean account access
 - Physical meeting at Union Bank branch is required
 - Spaceport at Vandenberg – Commercial
 - Cropping up worldwide
 - CA is competing with other states for Space Force HQ
 - Space Tech Expo virtual event this week
 - USC Information Sciences institute to build 4 Cubesats and integrate them with LM's SmartSat mission payload
- Robert Baker
 - Two workshops for Exo-planet. Both use slack.
 - All talks attended use Zoom
 - Schools are using Zoom to continue talks and discussions
 - Open for volunteering
- Secretary – Sai
 - Meeting closure and minutes created