AIAA LA-LV Section Council Meeting Minutes

AIAA LA-LV Section Council Meeting January 16, 2024, 6:00 PM PST
– Hybrid Conducted

Meeting Location: Lawndale Library/ WebEx

Attendance: X – Absent; A -Attended; V-Vacancy

<table>
<thead>
<tr>
<th>Council Member, Council Position</th>
<th>Attendance</th>
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<tbody>
<tr>
<td>1 Dr. Ken Lui, Section Chair</td>
<td>A (in-person)</td>
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<td>2 Lynn Jenson, Treasurer</td>
<td>X</td>
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<td>3 Courtney Best, Secretary</td>
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<td>4 Dr. Seth Potter, Ambassador</td>
<td>A (on-line)</td>
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<td>5 Marty Waldman, Las Vegas Chapter Chair</td>
<td>X</td>
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<td>6 Sherry Stukes, Membership Chair</td>
<td>A (on-line)</td>
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<td>7 Ian Clavio, Education Chair</td>
<td>A (on-line)</td>
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<tr>
<td>8 Arpine Ovsepyan, STEAM K-12 Outreach</td>
<td>X</td>
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<td>9 Daniel Scalese, Public Policy Chair</td>
<td>A (on-line)</td>
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<td>10 Jeremy Robins, Career and Workforce Development Chair</td>
<td>X</td>
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<td>11 Luis Cuevas, Young Professionals Chair</td>
<td>A (in-person)</td>
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<td>12 Gary Moir, Technical Chair</td>
<td>X</td>
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<td>13 Dr. Ken Lui, Events and Program Chair/Newsletter Editor</td>
<td>A</td>
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ADDITIONAL GUEST- N/A

6:05 PM- Meeting Called to Order by Dr. Ken Lui, Section Chair

- Welcome all. Happy New Year!
- Highly appreciated for the JPL WebEx link Sherry helped. Very glad it finally worked smoothly for Sherry to see and listen well for the council meeting online remotely.
- Marty just informed that he could not make it tonight as he needed to attend a committee meeting at the same time with the Nevada Lt. Governor for the aerospace development / Spaceport Las Vegas. He should be able to support the Section ASCEND+AVIATION Table/Booth in the summer.

6:07 PM- Secretary- (Courtney Best (Absent), Dr. Ken Lui on behalf of Courtney)

- The meeting minutes for the September 12, October 10, and November 9 council meetings were provided on December 25 and afterwards. Luis, Daniel, Ian, Ken, and Sherry were ok for those minutes.
Courtney hasn’t been responding. We will see how it goes.

6:10 PM Section Chair Updates (Dr. Ken Lui):

- Dr. Jeff Puschell could not join us today. Previously he said he would join for the 2nd Tuesday, January 9. But we had to change it to the 3rd Tuesday, January 16, and he could not make it.
- Quick Overview of the Section Chair report for today.
  - AIAA Updates
  - Newsletter / Timeline
  - AIAA ASCEND/AVIATION Table, Las Vegas, NV, July 30 – August 1, 2024
  - Section Awards Dinner – May 2nd? (Thursday), Excellence Award(s)
  - AIAA Volunteer Leadership
    - FY23 Volunteer Leader Agreement (Please review)
    - AIAA Demographics
  - Council 2024-2025/election and (Re-)orientation
    - Pipeline / Tiers (Teams) (Discussion Boards)
  - AIAA Los Angeles – Las Vegas Section
    - General Council Discussion Group
    - Assistance for each of the Officer’s functions

- AIAA Updates
  - Dan Dumbacher will not continue as the CEO of AIAA after the end of this year. AIAA will have someone start to look into the next CEO. The previous CEO was Dr. Sandra Magnus, a former Shuttle Astronaut.
  - AIAA Establishes Aerospace Artificial Intelligence Advisory Group (Non-Profit)
    - Daniel mentioned USC NIST AI Safety Institute
    - Sherry indicated the related aerospace cybersecurity.
    - Ken mentioned AIAA also has a Standard Technical Committee (TC). This AI topic could be a good focus for the Section as well. Aerospace Cybersecurity has been a main topic for AIAA, as well as a main focus of the Section overall and Public Policy.

- Newsletter 2023 December
  - Great cover design with Grumman F-14 “Tomcats” by the volunteer aerospace artist, Mr. James Vaughan
  - Sherry wrote an article in October for Psyche Launch. She has been suggesting the council members could write and/or suggest articles in their professional activities or/and related to their council functions.

- Timeline
  - February: Science Fair/Student Awards, Feb. 10 Aerospace Cybersecurity, Feb. Section Student Branches mini-Conference, Council members intention to stay on the council, SSTC Middle School Essay Contest (Ken’s note: possible Feb. 21 Outreach). Section Excellence Awards candidates and reviews.
- March: Mar. 9 Filming in aerospace, Election committee by late March, Part 1 nomination announcement.
- April: Apr. 6 LA Maker’s Faire / City of STEM Section Exhibition, Apr. 13 RRS Symposium Exhibition. Part II (Ballot) for Election starts. Submit local entry (entries) for AIAA SSTC Middle School Essay Contest to National AIAA.

  o AIAA ASCEND+AVIATION LA-LV Section Table (7/30-8/1)
    ▪ 10’x10’ with a 2’x6’ tabletop and two chairs
    ▪ Ken requested before the holidays, and Marty and Luis were informed.
  o Section Awards Dinner and Excellence Award(s) (Tentatively May 2nd)
    ▪ Proud Bird $105/each, 52-55% fees. Probably still Cambria Hotel LAX.
    ▪ Section Excellence Awards
      ▪ Psyche (NASA / JPL)
      ▪ Starship (SpaceX)?
      ▪ Small Sats
      ▪ Nova-C (Intuitive Machine, tentative Launch in February, Houston, TX)
      ▪ Peregrine (Astrobotic. But it didn’t succeed completely. Probably not)
        ▪ Sherry also pointed out the controversial payload of remains.
  o AIAA Volunteer Leadership / FY23 Volunteer Leader Agreement (Please review / Sign)
    ▪ AIAA Volunteer Leadership package (New!) [https://www.aiaa.org/get-involved/aiaa-volunteer-leadership](https://www.aiaa.org/get-involved/aiaa-volunteer-leadership)
    ▪ FY23 Volunteer Leader Agreement (Please review / sign) [https://comms.aiaa.org/volunteer-leader-agreement](https://comms.aiaa.org/volunteer-leader-agreement)
    ▪ HQ has been putting more emphasis on this issue for leadership and requirements.
  o AIAA Demographics
    ▪ AIAA hired a company and did some thorough research / analysis about the membership and industry demographics.
    ▪ Pie Charts showed increased Millennials, Gen. X, Gen. Z.
    ▪ Ken emphasized we have been doing our best to engage younger generations, while respecting / not discriminating against any age groups. Some of those who attended the council meetings to listen in were young professionals. Some got busy.

![Generation Demographics](aiaa.org)
Section Council Election for 2024-2025

- Luis and Ian have been active and engaging. They were both the Student Branch Chairs several years ago. Luis was slightly ahead with UNLV Student Branch, and single-handedly pulled the UNLV Student Branch back in shape. He also presented a paper in Sci-Tech about the aerospace history of Las Vegas. Ian also did a great job. Luis also supported the Section Booth in ASCEND 2023.

- A few years ago, the Section went into difficult situations. It is better that the Council members are familiar with AIAA, mature, professional, respecting/respectful. Those were parts of the reasons we have Luis and Ian joined the Council. HQ suggested giving the Young Professionals a chance for leadership, but also understood we knew better the local ecosystems, people, culture, etc., especially with the difficulties we went through a few years ago and the lessons learned. Ken consulted several leaders in HQ and Region VI. We would do the best to ensure successful continual council operations for this council and the next one / beyond, and keep / retain the professional images and membership, enjoying AIAA/LA-LV volunteering.

- As the middle ground, it’s suggested we could nominate Luis as the next Section Chair. Ian could be the Vice Chair, as the pipeline that Jeff (Dr. Puschell) mentioned, but then Ian would need to leave the Education Chair position and the Vice Chair is more like the Vice President of the U.S. in relation to the President of U.S. No pressure and it’s a suggestion/proposal. Just mentioned it so we could think about it. We can put an experienced professional as Vice Chair if needed. Lynn as the Treasurer would be able to provide stable monitoring of the Section funds/budgets.

- It is important to cultivate and ensure successful and smooth operations as well, with prior experiences and understandings, plus the experiences/familiarity in the past 2 – 2.5 years on the council.

- Courtney was initially also expected as she was with the Purdue University Student Branch a few years ago. But she has been busy with Boeing and could not participate or get engaged. We can see how it goes. Daniel has been doing well and we can see how it goes in the coming years.

- Jeff helped us rebuild the healthy council, and he did the re-orientation each time in the council meetings and explaining what AIAA really was/is. Ken continued to do so.

- Ken explained again that we have been cultivating and developing the member
volunteers. Similar to the pipeline but consider the availability and commitment at the time of interaction.

- It is like having Tier 1, Tier 2, 3…… etc., surrounding the Council. Some members could not commit to consistent participation, but occasional volunteering would be ok. This would be supplemental / supporting the pipeline / council building as Dr. Jeff Puschell mentioned.
- It’s also like the farm system of professional baseball, though it doesn’t mean one tier is better than the other, like the Major League Baseball or Minor League. It’s just a matter of time and commitment/availability. It’s also to expose those to AIAA operations and understand more/better about AIAA, before they could actually take on the Council positions. Ken has been inviting several members to listen in during the Council Meetings for these purposes. This could also avoid the potential incompatibility issues between chairs and co-chairs of each committee.

  - Ken explained it’s like re-orientation. It’s very important for people to understand what AIAA is. It’s better to understand / learn more than doing a lot of things that might impact negatively. Even if not doing much, one can get trained / better equipped, and more familiar with AIAA, for further LA-LV Section volunteering, or maybe later with Regional or National activities. Leadership is very important.
    - Non-profit/non-biased
    - Advertisement vs participation
    - paid-donation ads space/page in newsletters.

6:35 PM- Treasurer Updates (Lynn Jenson (Absent), Dr. Ken Lui on behalf of Lynn):

  - Good news. The Section savings went back to $90K+ as Dr. Jeff Puschell had hoped for. The Section used to have savings around $90-$100K for a few years around 2015-2019 but dropped down to around $70K+ in 2019-2021. It has been around $85K-$89K during 2022- 2024.
  - The HQ finance deficit was better as the recent Sci-Tech / ASCEND were very well attended. The $5M-$6M deficit is cut down to $1M-$2M. So, the expected recovery back to balanced budget would probably be in 2025-2026, instead of the previous projection in 2027-2031.
  - The Section has been continuing the efforts to conserve and save.
  - The Section received approximately $2,100 for CAT II Awards money by the end of the year, and maybe also $700+ of the 10% from CAT I (Membership based).
  - The Section also received $1,000 for the Section Student mini-Conference in February, and $2,600 for the Annual Awards Dinner in May, as Ken requested those from HQ/Region VI. The process has changed since last year. It’s no longer CAT I, but with the maximum of the original CAT I membership-based, and 50% of it before the end of the HQ deficit status. It was actually updated in September last year, and Ken proposed / requested in time. However, due to the confusion of the timeframe and the new process, the money was allocated to some student branches. This year, Ken made sure we got it.
  - Ken explained again that there might have been some confusion from HQ about the Section savings. Ken explained most of the savings came from the Section Responsive Space Conference many years ago with Dr. James Wertz/Microcosm. We always used up
the funds from HQ and needed industry / individual donations/sponsorship to keep positive or balance the budgets.

- If the fund is from HQ, we should use it and not accumulate it (approximately) each year, as it would cause misunderstandings.
- If it’s from the previous activities / industry and individual donations / sponsorship, we keep/use it for the AIAA activities / purposes within the Section for over-head deposit payments etc., while expecting to recover the expenses/deposits from ticket sales, donations/sponsorship, and/or HQ funds etc. We still need to exert caution and be careful only to use it for AIAA purposes / activities within the LA-LV Section. The donations / sponsorship to Section are still with the Brand name of AIAA. We should not use it for other non-AIAA purposes, outside LA-LV Section, or for other organizations etc. But it’s not for the HQ or other sections to take if it’s donated to / for the Section. HQ gets their own donations/sponsorship regularly.
- In November, the total income was $1,420.83. The total expense was $588.44.
- In December, the total income was $7168.59. The total expense was $200.08. (No Council Meeting in December)
- In November-December, the total balance = $86,089.73 (as of 12.12.2023) (compared to $86,566.93 on 11.6.2023)
- In December-January, the total balance = $94,369.41 (as of 1.9.2024) (compared to $86,089.73 on 12.12.2023)
- Dr. Jeff Puschell donated $1,000 to the Section and absorbed the transaction fees, in late December. Truly appreciated. Wonderful AIAA/LA-LV member and very supportive and considerate.
- CD matured July 10, moved to a new CD with higher interest rate, to mature in 2025 February, with interest approx. $5,300 in 2025 February.

6:44 PM- Membership Updates (Membership Chair (Sherry Stukes)):

- Sherry mentioned there was no month membership data from HQ, as they have changed it to every 3 months. Therefore, no charts for the Section membership this time. Ken provided another way to get the information, and Sherry will look into it and prepare the charts.
- Ken said we had showed a software we used 2 years ago, and he will provide the information to Sherry for membership analysis, so she could explore it and possibly get the 1st Place Membership Award this year. Ken did some initial test in 2021-2022 for a local Section bylaw area map and distribution and showed it to Dr. Jeff Puschell. Ken was delayed in the past few months for retrieving the information and will provide it soon this month for Sherry.
- Sherry asked Ken how to be sure if the membership information was/was current. Ken explained:
  - Ken worked with the HQ a few times for updating the Section membership information. And when HQ said they updated it, Ken saw the information was indeed updated on the same day or the next day, as long as they said they had input it.
  - Several times when the local membership said they renewed their membership,
Ken noticed it was refreshed/uprated the next day.

- Therefore, it was quite prompt if the data input was completed successfully.

6:51 PM - Ambassador Updates (Dr. Seth Potter)

- NSS ISDC 2024 will be back in LA. May 23-26, in the Sheraton Gateway LAX Hotel.
  - Call for Abstracts.
  - It might be difficult to find ISDC if just walking into the Hotel.
  - The Section could have a display table with no fees. Seth won’t be able to volunteer and stay at the Section table, as he will be doing many other things.
- The ISS local chapter in LA (OASIS) is having the council meeting on January 20, after the Aerospace Legacy Foundation (ALF) meeting.
- NSS OASIS’s election is coming soon. They are looking for some to fill some of the positions.
- NSS OASIS will have a Display Table at ISDC in May.
- A-MAN Inc. STEM International Science Center updates:
  - The leader, Hal Walker, was recently honored at Santa Monica College. And a laser lab named after his name is being established. They are also active in the Cape Town (South Africa) NSS Chapter. Seth will try to reach them.
- Aerospace Legacy Foundation (ALF) will have the OuteRimCon on Feb. 24.
- ALF is marginally involved in the restoration of a Space Shuttle mockup.
  - An additional structure might need to be constructed for this mockup at the Downey Columbia Memorial Space Center.
  - It might be ready around September 2024.
- ALF will have the council meeting on January 20.
- Ken mentioned it seemed January 20 is a good day/time, the Section will have a Section Meeting / event on January 20, and some sections, too. And February 24 is the Section Annual Student Branches mini-Conference.

6:59 PM - Public Policy Updates (Daniel Scalese)

- Ken first updated the efforts to reach the local launch companies in the past 2 months for the Air & Space Launch Safety Investigation (mini-) Conference that Daniel has been working on.
  - SpaceX
    - Ken got the response that they would be interested in just attending. But their internal policy would not allow them to present / speak out.
    - Daniel felt that was ok just attending.
  - Blue Origin
    - Luis and Ken tried to connect to a Young Professional attendee (Ian met him as well) from Blue Origin during the November 14 Young Professionals Happy Hour next to SpaceX. But no response so far.
    - Ken connected in another way in Blue Origin, and was referred to their launch group, but no response so far about their interest and participation/attendance. Will keep trying. Jeff Bezos / Blue Origin might have the same policy or culture as SpaceX, not engaging / presenting in external activities.
• Relativity Space
  ▪ Ken’s contact there, the former council member, Khushbu Patel, had left Relativity Space, and it didn’t work out in the end.
  ▪ Ken did try in another way, but no response yet, either.
  ▪ Daniel mentioned the Founder/Co-founder was from USC. Ken said he met that person in 2019 in the Section Awards event on USC Campus celebrating / recognizing the Student LPL Rocket Team’s breaking the student rocket altitude record. Ken tried to follow up with that person but never got any response. Ken will keep trying with Relativity Space as well.

• ULA
  ▪ Luis and Ken met ULA people as they had a table there. No response so far. Will keep trying.

• Launcher Space
  ▪ No response yet.

• Spinlaunch
  ▪ Ken explained it to Spinlaunch, but no response yet so far. Will keep trying.

• Virgin Galactic
  ▪ Still working on it as well.

• Boeing
  ▪ Ken asked the former Section Chair from Boeing, but not response for it so far.

• Northrop Grumman
  ▪ Ken tried to reach the right people in Northrop Grumman from two connections, but no responses so far.

• Lockheed Martin
  ▪ Still working on it.
  o Launch Safety issues could be a sensitive / security-related topic, and the companies didn’t want to engage initially. We will keep trying and explore the interests and participation/attendance.
  o Daniel said it’s good SpaceX is interested in it, understanding they can’t present but might just attend this (mini-) conference when ready. A firm interest in attending would be good enough, no need to do a presentation at this time.
  o Daniel was working in DC this / last month and met with NTSC / FAA people. The Executive Director of Air Space Safety / Strategic Management of Commercial Space in FAA, Dr. Min Win, expressed interests. NTSB expressed mixed interests, though the person in charge of the international operations was interested, as he was related to or involved with the Sierra Nevada’s Dream Chaser’s launch / entry safety. Joseph Shor, NTSB Launch Safety person, was interested, but indicated they might not need the space launch companies to participate in the safety / incident investigation.
  o Ken felt that we/the Section could / should take the lead of this.
  o Ken asked if those would be considered potential participants, so he would also reach out to them.
    ▪ Sierra Nevada (Dream Chaser)
Ken asked if there was any issue for the launch of the Dream Chaser, would it be Sierra Nevada, or ULA, or whoever did the launch for the Dream Chaser, for the launch investigation. Daniel said both the manufacturing and the launch companies would need to be involved, according to the model of ICAO. If anyone got killed. Therefore, Sierra Nevada would also be on the radar for participating in this potential (mini-) conference.

- Aerojet-Rocketdyne (Daniel said this would also be considered as a player in a launch safety investigation.)
  - This event could potentially develop into a mainstream aerospace topic, just like the Responsive (or Reinventing) Space Conference that the Section did with Dr. James Wertz / Microcosm many years ago. As Dr. Jeff Puschell mentioned, that topic was unknown and on the outskirts of aerospace, but it’s now the mainstream in the military and satellite launch businesses/industries. This Launch Safety Investigation has the potential to develop into the mainstream aerospace focus, the same as / similar to the Section Responsive / Reinventing Space Conference many years ago.
  - Daniel said FAA and NTSB were (are) busy right now. He will continue to explore the possible interests and participation as well.
  - A brief discussion on the runway collision safety, based on the recent news from Japan. Daniel said it was not uncommon.
  - Daniel has been checking with Arianna (Region VI Public Policy Director) and HQ for the CVD (Capitol Visit Day).

7:13 PM- Young Professionals Updates (Luis Cuevas)

- Luis asked if the November 14 Young Professionals Happy Hour was successful. Ken said definitely.
- Luis cited the recent HQ surveys that Ken forwarded to the Council and said that the Happy Hour fits very well for the priorities. And we can get creative and get people together.
- Luis has some ideas and is trying to put together another Happy Hour in late February and put together some good synergy. Ken encouraged Luis to proceed, and it was fun.
- He is working on a talk about mentoring Young professionals, like the one last January by Courtney. Ken indicated mentorship has been a focus for the Section for the Section. Dr. James Wertz, even though very distinguished, personally did the mentorship event many years ago, based on the archive photos. We did more of the Happy Hours in recent years starting around 2018/2019.
- He also cited the HQ survey charts showing the percentage of engagement at various age groups, averagely 50%-60+%. Ken indicated people like Dr. Puschell, who have been very loyal and supportive, have been the treasure and great assets for the Section/Institute. He would be 100% in the chart. And he just donated $1,000 to the Section.
- The November 14 Happy Hours also reconnected some of the prior Section event attendees before Pandemic. Seth recognized one of them from the company he is working with. Ken urged Seth to participate and join us. People can
7:20 PM- University / Collegiate Chair Updates (Ian Clavio):

- Ken talked about the efforts to help for the site tour for the Section Student Branches mini-Conference in February. It took some time. Ken asked Spinlaunch in November, but the holiday season might have been causing the slow response. They showed interest but were still checking their schedule. Ken will follow up this and next week and confirm as soon as possible with Ian. We temporarily booked a library meeting in Lakewood, near Spinlaunch. It might also be possible to hold the mini conference inside Spinlaunch, just like the one in 2018 in Northrop Grumman, followed by the site tour to JWST also in their Space Park. We reserved $1,000 for the maximum expense. At the same time, as Dr. Jeff Puschell mentioned, no free food. We can see if any student would need the support, or and partial payments from attendees.

- Ken indicated Ian had been making a significant effort as the Liaison in the Section Council, connecting with the 4 Student Branches in the Section.

- Ian updated and talked about the AIAA LA-LV University Student Branches, which will be on February 24. He has been asking the branches to prepare for 15 min each presentation/Q&A.

- Ian would like to add exhibition tables (students, professionals), in addition to the student presentations and tour.

- Ken said this was excellent, as Ian said, about this mini-Conference. The Section has been very supportive of this mini-Conference in the past few years.

- Ian drafted a Google Form Applications for the exhibitors and sent to Ken. Ken said we would put it together in the this / next week. Spinlaunch has been busy, and Ken had to ask for additional help to get Spinlaunch to respond.

- 2023-2024 Student Branch Spotlight Chart
  - Ian collected the responses from our four student branches in early December.
  - Ken discussed it with Region VI Director Prof. Oleg Yakimenko. He was very pleased. (He will be running for re-election for next year’s term as Region VI Director.)
  - Ian explained further about these spotlight charts.

- Student Branches activities:
  - January will be the first one all four students are back from the holidays.
  - Ian, Pedro (CSULB), and Kate (UCLA) had a meeting last week. No update as it was just after holidays.
  - AIAA CSULB Student Branch:
    - They signed up for the City of STEM in April for outreach. (The Section also signed up as well like last year.)
    - They have new board members. Some left, some just joined.
    - Setting up speaker events for Spring semester.
    - SharkSat Project Group set up a tour in JPL for satellite testing facilities for next week.
    - Long Beach Aviation Project Group: ordered parts and started to manufacture their plane for DBF.
    - ESRA Project Group: Running simulations for fluid system, injector,
and overall engine design.
  - Activities responses summary from CSULB Student Branch.

- AIAA UCLA Student Branch:
  - Progress: Aerojet Rocketdyne info-session, Boeing info-session, Mentorship program established, Sponsor tracker created by Financial Committee. $1800 donated from alumni.
  - Planned: Mechanical and Aerospace Engineering Town Hall next Wednesday, Day after town hall: game night + movie night for all clubs, Mentorship activities planned.
  - Activities responses summary from UCLA Student Branch.

- AIAA USC Student Branch:
  - No updates for the January activities. They started their spring semester a week ago.
  - Activities responses summary from UCLA Student Branch.

- AIAA UNLV Student Branch:
  - Activities responses summary from UCLA Student Branch.

- Requests from Branches:
  - No requests from CSULB, USC, UNLV, or UCLA Student Branches. They just came back from holidays.
  - Ken commented that this Liaison effort is very welcome executed by Ian.
  - Ken also mentioned that he tried to get a speaker / exhibitor on AI for this mini-Conference, but not finalized yet at this point. Dr. Bradley / Sustainable Aviation / Geoengineering are very good speakers/topics for the keynote speaker. Dan Dumbacher (AIAA) asked about his talk after the one in August with us.

7:39 PM- Technical Chair Updates (Gary Mori (Absent), Dr. Ken Lui on behalf of Gary)

- The Technical Presentation on December 7 by Mr. Mike Ciminera was very well received. It was about Northrop Grumman Aircraft Designers Historical Perspectives.
- Aero Alumni Meeting was held on Wednesday, January 10, 2024 (Hybrid).
- Interesting topics like the Alaska Airlines Boeing 737-Max, Mike Ciminera’s book published by AIAA Bookstore, and others.
- Ken proposed / tried to get a smaller portable screen in case they would continue to meet in the area in the Olive Garden in Torrance. They may or may not continue to do it there.
- Gary has been trying to check if the attendees would like to change location or schedules. Ken has been trying to help. Some Libraries recognized our non-profit status but a little bit away from the Torrance / Palos Verdes area, where most of the attendees might reside. Some locations didn’t recognize our non-profit status and requested regular fees, which would be a major expense for multiple to 12 months in a year. Will keep working on this.
- Ken commented that in general the Section has been trying to stay positive to motivate
and support the communities. In the past many years, occasionally some members / non-members got negative and tried to attack / criticize things like Starlink Satellites interfering astronomers, Boeing 737-Max etc. But we didn’t know enough details about this. We have been trying to stay positive and do what the AIAA Mission and Goal stated to encourage and motivate people.

7:41 PM- K-12 STEAM Outreach Chair Updates (Arpine Ovsepyan (Absent), Dr. Ken Lui on behalf of Arpie)

- Arpie has been more responding, including the recent conversation on the cybersecurity event and incident in her school.
- She responded to an inquiry for the AIAA SSTC Middle School Essay Contes. We have checked the Palos Verdes Peninsula School District’s High School Science Fair in February, so we can get the candidates for the Section K-12 STEM Awards for May Awards Dinner.
- Her husband has been sick, and she is more adapted to the new school position.

7:42 PM- Events and Program Chair Updates (Dr. Ken Lui, Acting):

- Events/Program functions in bylaws and distinctions were shown again to clarify. (Coordination and logistics) It require commitment and availability, understanding the bylaws etc.
- Some of the events were reported as summary but also for some of the officers/chairs absent today. The chessboard activity categorization chart was shown, as an attempt to follow the bylaws and avoid conflicts, to ensure smooth, positive, and happy experiences and operations with successes and efficiencies.
- (November 14) (YP/ECP) AIAA LA-LV Young Professionals Happy Hour!
    - Good event. Luis did a great job leading it.
    - Reconnected to some of the previous attendees, including the one that Seth recognized from Millennium Space Systems. Seth indicated he would also try to join next time.
    - Luis and Ken tried to help Daniel and asked a YP attendee about the corresponding person in Blue Origin for the possible Air Space Launch Safety Investigation Conference by LA-LV Section.
- (November 18) The Future of U.S. Robotic Planetary Exploration
    - Sherry helped get this great speaker. Jeff (Dr. Puschell) led the meeting. Happy Birthday celebration for Prof. Arvedson.
    - Long Beach Downtown location, business and professional.
- (December 7) The Aircraft Designers A Northrop Grumman Historical Perspective with Michael Ciminera
    - The speaker was formerly the Vice President of the Northrop Grumman. Good networking opportunities to meet good people / leaders in the industries,
including an Honorary Fellow / former President of Aerospace Corporation.

- (December 9) Commercialization of Space Biomedicine: How SpaceBox Accelerates Drug Screening in Microgravity
  - Artesia Library was a good place.
  - Gary stopped by toward the end of the event.

- (December 12) SPACEPOWER-Star Shield, Proven & Patented Peacemaker for Peace On Earth & Above!
  - [https://www.aiaa-lalv.org/blogs/2023-blogs/2023-december/2023-december-12](https://www.aiaa-lalv.org/blogs/2023-blogs/2023-december/2023-december-12)
  - On-line only, with holiday celebration.

  - Interesting points and views. NASA’s role as a safety checking bureau?
  - Opening the frontiers and new transportation caused casualties historically.

- More efforts were spent on getting more economic venues, like the Norwalk Library, etc.

- Upcoming events:
  - (January 20) U.S. Human Space Exploration – The First Two Decades
    - RSVP and Information: [https://conta.cc/3t2s6IP](https://conta.cc/3t2s6IP) (Hybrid)
    - Interesting topic. Enjoyable time to review for future human spaceflight.
  - (January 27) In the Line of Duty: Michael Adams and the X-15
    - RSVP and Information: [https://conta.cc/3tX2WoX](https://conta.cc/3tX2WoX) (In-Person Only)
    - A very good speaker (AIAA Distinguished Speaker) and an inspiring & touching presentation.
  - (February 10) Aerospace Cybersecurity: Protecting Critical Space and Aviation
    - RSVP and Information: [https://conta.cc/3vzboeR](https://conta.cc/3vzboeR) (Hybrid)
    - Aerospace Cybersecurity has been a main agenda for AIAA National at least since 2017. The Section did a couple of meetings/events on it. It was a focus for Public Policy a few years ago. HQ has been publishing aerospace cybersecurity white papers.

- Pandemic- COVID-19 case numbers seems to be rising locally and nationally in November and December/early January. We will keep doing hybrid activities but increasing the in-person meetings and gradually reducing the online meetings. We will continue to pay attention to safety and health/hygiene issues.

- Keep everyone happy and stay with AIAA for the rest of their life.
- Let Ken know if you will continue on the Council for next year. (Wish you will stay on the council.)

Wrapped up at 7:55pm.

**7:55 PM- Meeting adjourned:**

**Luis Cuevas moved to adjourn. Seconded by Ian Clavio**