



AIAA St. Louis Section Council - Meeting Attendance

Chairman*	Sanjay Jayaram	<i>P</i>	Newsletter	Jim Guglielmo	<i>P</i>
Vice Chair*	Charles Svoboda	<i>E</i>	Programs	Robert Dowgwillo	<i>P</i>
Secretary*	Chi Hou Lei	<i>P</i>	Public Policy	Frank Youkhana	<i>A</i>
Treasurer*	Alec Herzog	<i>P</i>	Retirees	Raymond Cosner	<i>P</i>
Advisor*	Abigail Sevier	<i>P</i>	Service Projects	Brad Sexton	<i>P</i>
Advisor*	Chris Tavares	<i>E</i>	STEM	Jackie Blumer	<i>P</i>
Advisor*	Jim Guglielmo	<i>P</i>	Special Project	Bradley Sexton	<i>P</i>
Advisor*	Srikanth Gururajan	<i>P</i>	Strategic Planning	Larry Brase	<i>P</i>
Region V Rep*	Mark Kammeyer	<i>P</i>	Technical	John Schaefer	<i>P</i>
Career Workforce Development	Vacant		Webmaster	Jim Guglielmo	<i>P</i>
Communications	John Shultz	<i>A</i>	Young Professionals	Stephen Clark	<i>A</i>
Education & College Outreach	Charles Svoboda	<i>E</i>		Jessica Smith (SLU)	<i>A</i>
History	Colin Thiele	<i>A</i>		Dan Donahue (WashU)	<i>A</i>
Honors & Awards	Patrick Padilla	<i>A</i>			
Membership	Alexander Friedman	<i>P</i>			

P = Present, E = Excused, A = Absent

** **Bold Blue Text** = Elected Officers*

- I. Attendance / Opening Remarks / Call to Order** Sanjay Jayaram
- Guest by Larry: Emily Stava (WashU, 2020)
 - Recall that the last meeting did not discuss the Action item and previous minutes
- II. Approval of Past Council Meeting Minutes** Sanjay Jayaram
- Motion to approve September meeting → approved
 - Motion to approve October meeting → approved
- III. Action Item Review** Sanjay Jayaram
- IV. Council Officer Reports**
- a. Chairman Report Sanjay Jayaram
 - Action Items
 - 50 people attended the talk
 - (New member meeting) 25 attendances
 - Suggested: report to fill out every six months, Sanjay to put to plan for next round
 - b. Vice-Chairman Report, no report Charles Svoboda



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- c. Region V Report, No report Mark Kammeyer
 - d. Secretary Report, No report Chi Hou Lei
 - e. Treasurer Report Alec Herzog
 - Received Treasurer Reports for October (as of November 4th, 2021)
 - Attached to appendix
 - Question: Paypal / Credit card policy, will revisit in Dec
 - new member meeting
 - Q: Do we earn/lose? Overall (-)\$100.00
 - Can be recovered from volunteer hours

V. Advisor Reports

Abigail Sevier, Chris Tavares, James Guglielmo, Srikanth Gururajan

- Abigail: No report
- Chris: No report
- James: No report
- Srikanth:
 - (For Charlie and Jackie) Sri and labs to offer activities (Drone) / mobile kits for outreach
 - Open to the community center, kids, students into STEM, Different from last year.
 - Question from Jim: Financial issue,
 - sent report in June 2020.
 - Contact region V
 - New home for aero-textbook
 - Ad in the newsletter, for any donation
 - Want: Flight dynamics and flight control

VI. Committee Reports

- a. Career Workforce Development Vacant
 - May reach out to find one member
 - (Rob) Need work statement/scope of work, reference to other organizations
 - May consider keeping/dropping in the future
 - (Sanjay) check with by-law
 - (Mark) May check official statements from National AIAA regarding standing committee
 - (John) the activities by YP seem to have covered this category
 - (John) Two years ago, there were more technical developments
 - Suggest separating Career and YP. Better split the activities under the two categories
 - (Sanjay) college side
- b. Communications, no report John Schulz, Jim Guglielmo
 - Newsletter
 - Target date:
 - Dec / Jan issue
 - Collect articles before Thanksgiving



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- The first week of December, before the Dinner meeting
 - Q: cycle between issues
 - (Rob) New member appreciation / New member meeting → to add an article
 - Website
 - Ad of activities/talks on the webpage
 - Welcome suggestions from members
 - c. Education / College Outreach, no report Charlie Svoboda
 - d. History, no report Colin Thiele
 - e. Honors & Awards, no report Patrick Padilla
 - f. Membership Alex Friedman
 - Added from Action item
 - g. Programs Bob Dowgwillo
 - Oct 28, new member
 - 37 registered
 - About 25 attended
 - Nov, No
 - Dec 16, Dinner meeting
 - Jan 27, REACH meeting
 - Feb: Vertical flight, speaker confirmed
 - March / April: educator associates, public policy, society of black engineers
 - May: Annual/award
 - h. Technical John Schaefer
 - The presentation has been scheduled
 - November 9, 2021
 - Andrew Lang
 - “Change Management in Additive Manufacturing with Machine Learning.”
 - The event will be hybrid in-person/virtual.
 - Ad sent
 - I am still looking for a December speaker. If anyone has any suggestions, it would be appreciated. We have two Boeing speakers in a row for Oct – Nov, so I would prefer someone from a different organization.
Want some speaker from the colleges
 - Sri: suggested two candidates → will confirm
 - SLU, Mark McQuilling, on super-sonic wind tunnel
 - SLU, Mike Startwout, on space cube
 - Sanjay will send contact and refer them to John
 - Hotel / Travel Accommodation for speaker
 - \$500/total
 - Remark: Another request will be made for the invited speaker in the December dinner meeting



- Sanjay may ask AIAA National on how much can be supported
 - Robert: Ask about the current policy. We can make up the difference.
 - The Boeing Virtual Warfare Center (VWC) does some very cool work, but few university engineering students know that operations analysis is a potential career path for them. The VWC would like to give a technical presentation about their work sometime early next spring, and would particularly like to advertise the event to students.
- i. Public Policy, no report Frank Youkhana
- j. Retirees, no report Ray Cosner
- k. Service Projects Brad Sexton
- Dec 16 meeting
 - Speaker: Kits for kids
 - moved to spring 2022, field trip in Mexico for the manufacturing of plane
 - one Saturday
 - additional info will be sent to the secretary at leic@slu.edu
- l. STEM Jackie Blumer
- **Jr. High AIAA Student Branch** - Applications going out next week.
 - **The AIAA National Educator Associates Engagement Working Group Meeting** - haven't met yet this year.
 - **Ascend** - I have completed a video presentation to be presented during Ascend. I have been working with a group of 8 or so engineers and STEM professionals.
 - We also sponsored a teacher from Fredericktown, MO, to attend virtually as well.
 - Cynthia Bednara reached out to Stephen looking for a place for HS students to hold a **High School Technical Forum Presentation**. I would be open to this if you all think it will work. I emailed her, and she said she could reach out to other schools to see if they would also be interested in attending. Could this work?
 - Need enough high school students for sustainability
 - (John) Better with background for learning engineering
 - (Ray) Maybe with science fairs
 - **Spirit of St. Louis Air Show** contacted me about having a booth in the STEM Expo of the Air Show. I would like to go over the info for the cost of their packages.
 - Three packages/choices
 - \$500 – 15-by-15 AIAA Logo (Endorsed)
 - \$1500 – AIAA Logo, public address spot
 - (Question) Free entry?
 - With the chosen \$500 → 3 passes for member helpers
 - Sanjay got an email from AIAA
 - Scholarship for high school students interested in pursuing aerospace engineering
 - I will forward information to Jackie
 - Some info may have been accounted for in the AIAA forum (daily digest)
 - Deadline: Nov 30, need time for application forms and procedures



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- (Planning) Dinner meeting in April/May or March/April (preferred)
 - In-person
 - To highlight educator associates
 - m. Strategic Planning, No report Larry Brase
 - n. Young Professionals (YP), no report Stephen Clark, Jessica Smith, Dan Donahue
 - o. Financial **All**
 - Thank Jackie, for helping to keep track
 - Volunteer Hours
 - John Schaefer 10 Hours 10-21-21
 - (John / Mark) The suggested way to record and submit the hours in the system
- VII. Misc** **All**
- a. Misc. Topics (Old/New Business, Transitions, etc.)
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- VIII. Next Meetings and Upcoming Events** Sanjay Jayaram
- Dec 2, Thursday, 4:30 pm, in-person
- IX. Go-Backs** Sanjay Jayaram
- (Mark) Badges for non-Boeing members are still in the process
 - National Society of Black Engineers (NSBE) Mark Kammeyer
 - Will meet with them
 - National AIAA may have announced the partnership with NSBE
 - Will forward them with news on activities
 - (John) such as technical meetings/parties
 - Maker space Brad and Patrick
 - Brad and Patrick has visited STL maker space
 - Maybe they will give tutorials on manufacturing and machining
 - Q: Who are interested
 - Examples: Customed remote control airplane
 - Srikanth: Tied to Outreach, connecting to Colleges and K12
 - Remark: some companies sponsor the employee to make space memberships
- X. Adjournment** Sanjay Jayaram
- Motion to adjourn
At 6:02 PM
- XI. Action Items:**
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