



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 |
| <ul style="list-style-type: none">• 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<ul style="list-style-type: none">○ 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

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| a. Career Workforce Development | Vacant |
| <ul style="list-style-type: none">• 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 |
| <ul style="list-style-type: none">• Newsletter<ul style="list-style-type: none">○ Target date:<ul style="list-style-type: none">▪ 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



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- 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



- (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:
