# AIAA St. Louis Section Council Meeting Agenda

**7 Oct 2021**

**4:30 pm to 6:00 pm**

## AIAA St. Louis Section Council – Meeting Attendance

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

## I. Attendance / Opening Remarks / Call to Order

- Start at 4:52 pm due to technical issues  
  
  Sanjay Jayaram

## II. Approval of Past Council Meeting Minutes

- Not enough council members → no voting today, only discussion  
  
  Sanjay Jayaram

## III. Action Item Review

- Not enough council members → no discussion on action items  
  
  Sanjay Jayaram

## IV. Council Officer Reports

a. **Chairman Report**  
   - Flyer and Jot-Form links for the talk (presentation) have been sent out.
   - Encourage people to join
   - Region 5 report:
     - Student presentations have not been set up yet
     - Upcoming
       - April 2022
       - Univ of Colorado, Colorado spring

Sanjay Jayaram
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- Awards (from the National level), to be sent out
- We are the only section to hold an in-person meeting
  - Potential partnership with NSBE (National Society of Black Engineers)

b. Vice-Chairman Report  
   Charles Svoboda
   - (Motivation) Aircraft design technical committee (overlap with the technical committee)
   - May offer free members to other partnering societies

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 October 2nd, 2021)
   - Attached

V. Advisor Reports  
   Abigail Sevier, Chris Tavares, James Guglielmo, Srikanth Gururajan
   - Abigail:
     - Professional society
     - Event on Boeing campus – networking events
     - So far, virtual events due to COVID restriction
     - Meeting outside → some restriction under STL county
     - (Sanjay) In a meeting to substitute Mark Kammeger, NSBE and AIAA have established a connection. May need to follow up with more details.
   - Chris: No report
   - James: No report
   - Srikanth: No report

VI. Committee Reports

a. Career Workforce Development  
   Vacant

b. Communications, no report  
   John Schulz, Jim Guglielmo

c. Education / College Outreach  
   Charlie Svoboda
   - Supposed to meet with other schools, student branches
     - I will do it around late October
     - Student leadership seminar
     - Identified new vocals for SLU and Missouri S&T
       - Will designate one of them as the General education chair
     - Connect with department chairs

d. History, no report  
   Colin Thiele

e. Honors & Awards  
   Patrick Padilla
   - All awards have been delivered to awardees
   - To invite past awardees to join the December meeting
     - Invitation letter (contact Brad)
f. Membership  
- Membership report, almost completed, to be shared  
  - Suggestion: May circulate flyers in Boeing for membership  
  - (AIAA is popular and well-known in some groups)

h. Technical  
- Two presentations have been scheduled  
  - October 19, 2021.  
    - Paul Lemon, propulsion manager  
    - “Space Launch System Core Stage and Exploration Upper Stage.”  
    - The event will be all-virtual.  
  - Sanjay will be creating the flyer and handing it off to John Shultz for distribution.  
  - I have completed the JotForm survey and given the link to Sanjay to put on the flyer.
  - November 9, 2021  
    - Andrew Lang  
    - “Change Management in Additive Manufacturing with Machine Learning.”
The event will be hybrid in-person/virtual.

• 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.
• 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

• We are still working on finding a speaker for the December Dinner Meeting. I’m trying to secure a Distinguished Speaker (from the National AIAA list) for this event.
• I thought we had one, but his schedule was just changed. There are a couple more requests out, and waiting to hear back from them. Hopefully, we will have someone in the next week or so.

l. STEM  
   Jackie Blumer

• Jr. High AIAA Student Branch
  o Applications are going out next week.
• The AIAA National Educator Associates Engagement Working Group Meeting
  o hasn't met yet this year.
• Ascend
  o Rebecca Henson from Fredericktown, MO, will be attending virtually with me this year.
  o I am also presenting with another group of educators and professionals in STEM.
• Engineering Design Challenge Judging
  o 120 students will be building rockets, landers, rovers, and space suits.
  o Please let me know if anyone wants to help Alec judge these (very elementary) designs.
• CLC Dinner Meeting
  o TBA - waiting for approval for in-person, hoping for the end of the year.
• 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?

m. Strategic Planning, No report  
   Larry Brase

n. Young Professionals (YP)  
   Stephen Clark, Jessica Smith, Dan Donahue

• Young Professionals Technical Forum 2022 Call for Presentation has been sent out – application due date is Oct 25
  o Jan 2022
• Planning for Career Development Panel (Dan) is in work
• High school
• Partner with KC
• Reach out to help high school students with Math
• (Alex) Rolling membership’s tech shop/maker’s space? For learning and small projects.
  o (Charles) Need to deliberate further, offer a suggestion
  o (Patrick) Will join the ‘workforce.’

  o Financial
    • Volunteer Hours
      o None as of Oct 6th at 1:30 pm

VII. Misc
All

  a. Misc. Topics (Old/New Business, Transitions, etc.)

VIII. Next Meetings and Upcoming Events
Sanjay Jayaram

  • Nov 4, Thursday, 4:30 pm, Online (Web)

IX. Go-Backs
Sanjay Jayaram

X. Adjournment
Sanjay Jayaram

  • Approved
  • At 5:50 PM

XI. Action Items:

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