



## Rocky Mountain Section Council of AIAA

### Committee Meeting Agenda

February 15, 2024

Marshall called meeting to order at 18:04

#### Chair - Opening Remarks – Marshall Lee

- **Welcome to New Volunteers! (Marshall Lee)**
  - Paul Schuber (Mission Specialist - Communications)
  - Amanda Camarata (Mission Specialist - Communications)
  - Eric Cain (Professional Development Committee)
  - Ruth Ehler (interest in Programs and Public Policy)
  - Marlene Price (stepping up to work Public Policy)
  - Chris Hunt (Programs)

#### STEAM/Education Committee (Trip Carter)

- Met on Saturday, January 27<sup>th</sup>
- Meeting again Saturday: Febr 17th (if anyone wants to participate!)
  - AIAA Essay Contest (The Space Systems Technical Committee's annual essay contest for 7th & 8th Graders) - [flyer to be out Feb/early March](#)

Request from Trip: Can someone volunteer to lead the AIAA Essay Contest. Need 6 reviewers to be judges for the essay contest. (Ciprian will be one of the volunteers. Will reach out after the meeting!)

- STEM & CREATIVE CORE SHOWCASE:

When: Saturday, April 27, 2024 from 10am-1pm

The event will run open-house style and will be open to everyone in the DSST community and to the general public. Attendees will be welcome to explore CSU Spur's other attractions at their leisure.

Where: CSU Spur (4817 National Western Drive, Denver, CO 80216)

Students and industry partners will showcase work throughout the common spaces of CSU Spur's Vida and Hydro buildings.

Who: DSST Students, Families and Industry Partners

The event will center excellent student work in STEM and Creative Core. Students will be invited to present their senior projects, engineering design solutions, creative expressions, or science experiments. Industry partners will be invited to showcase their current work in STEM, and engage with students.

Gregg Cannady comments: We hope that AIAA can participate in our STEM and Creative Core Showcase. We would love to have AIAA RMS sign up for a booth as an industry partner. Register as an Industry Presenter <https://docs.google.com/forms/d/e/1FAIpQLSdbmZv-jJdnOiwgE4P0FGYiRx8voFFpjYkkUBsM7roXU1TMw/viewform>



# Rocky Mountain Section Council of AIAA

## Committee Meeting Agenda

February 15, 2024

- Space Day at Denver Museum of Nature and Science (DMNS)

When: Saturday, May 11, 9 a.m.–5 p.m., FREE

Join the Denver Museum of Nature & Science as we focus on the exploration of space. The day's events will include a special presentation by retired NASA astronaut Bruce McCandless II, who lives in Colorado. McCandless will speak in Gates Planetarium at noon. In addition, there will be other presentations by space scientists and educators, and opportunities to safely view the sun using solar telescopes (weather permitting).

Other events & activities:

- High-Altitude Balloon Payload (CubeSats) projects with 4 high schools: mentoring on payload builds and sponsorship of launches April-May. Last year cost: \$1400. Launch is planned for May 18<sup>th</sup>.
- Trip is looking to have invitations from middle and high schools to have RMS professional members present in anything relating to Aerospace (space + aviation). Anyone interested to help with schools to reach out to for these events. Ideally we will have Aviation volunteers to expand presented topics.
- Gene and Gregg attended EPIC on Wednesday, January 31st
- Gregg stated May 18, 2024
- GESTEM: Science projects for girls participating in Metro State University-hosted event
- Leader: Karolyn Evans
- SWE GESTEM 2024 <https://swe-rms.swe.org/gestem/>
- Thursday, May 16 - GESTEM will be held at the Denver Auraria Campus.
- Colorado Science and Engineering Fair – April (Colorado STEM Fair Apr 11-13 Fort Collins)
- Montana State Science Fair – Missoula (April 4-5, 2024)
- May: Alberta Provincial Science Fair – Edmonton
- STEMapolooza at American Academy – April 17 and 18, 7:45 am – 2:00 pm
- Volunteers requested via email; please send responses to Trip Carter
- Colorado Springs Cool Science Festival 2023 Sep 30 – Oct 15  
<https://www.coolspace.org/cool-science-festival-schedule.html>

**Action:** Marshall (or someone from the Communications Team) and Trip to work on creating an RMS STEM/STEAM/Education webpage at [www.aiaa-rm.org](http://www.aiaa-rm.org)



# Rocky Mountain Section Council of AIAA

## Committee Meeting Agenda

February 15, 2024

- **AIAA MSU Student Branch: Marcus Stengel**

- Marcus Stengel, Student Chair is planning a technical symposium: AERO KNOT X (Aero Tech Symposium)
- Potential theme would be around Aviation, Aeronautics, eVTOL, UAS
- He is gathering support from Aurora Campus, UCD, and MSU faculty
- Event size: 100-250
- When: end-of-April or mid-June
- Additional information about MSU:
  - strong (and rapidly expanding!) AE programs
  - undergraduate students involved in several design competitions (including AIAA DBF event)
  - several types of aviation simulators available for students
  - Really strong in aviation and trying to grow in the UAS/UAM sector
  - MSU is a part of the minority-serving institutions (hispanic-serving > 20%)

Advice from AIAA-RMS: Narrow down the scope, Try to get a date ASAP, delegate and find support among people in your department.

### **National's Digital Engineering & Integration Committee (DEIC) - (Marshall Lee)**

- DEIC would like to have a virtual event in RMS to build local awareness and involvement (Ohio Section is leading the way)
- Objectives: How DEIC might better leverage local AIAA Sections and associated Regions to progress the Digital Engineering effort?
  - Section/regional groups can generate localized DE awareness as well as identify area advocates, contributors, and volunteers.
  - Section/regional groups can confirm where they may best align to and contribute to the DEIC Strategic Initiatives and/or Subcommittee efforts in a regional sense.
  - Section/regional groups can report localized DE community progress to DEIC at the national level.

### **Treasure – Taylor Lily**

- Need an updated monthly report (December was the last one available)
- Duncan needs to be reimbursed for Wix payments (2 years worth)
- CSU AIAA Student Branch needs to provide an invoice for DBF \$2,500 so, AIAA can issue them a check of budgeted funds.
- Invoice to include what the project plan is, timeline & milestones, and the branch needs to provide a written news article to post on our website and another one later describing the competition event they attend.



# Rocky Mountain Section Council of AIAA

## Committee Meeting Agenda

February 15, 2024

**Action:** Marshall & Ciprian will reach out to Taylor to ask for a updated monthly report.

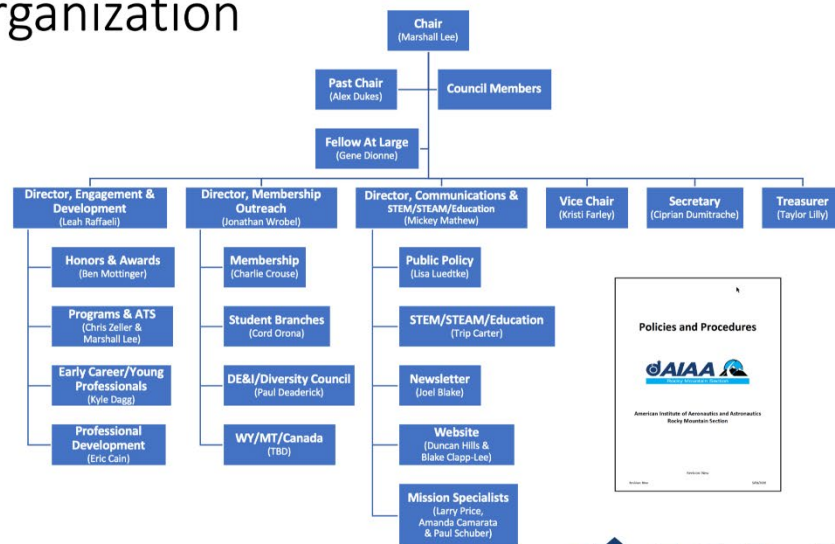
### Vice Chair Reports – Kristie Farley

- ...

### Director of Engagement & Development – Leah Raffaelli

- Working leads at LM for presentation locations and speakers (chris hunt is following up on leads as well)
- Joined Ben Mottinger's mtg on awards
- Mtg with Kristi/Jonathan to discuss our respective director roles

## RMS Organization



### Section Committee Reports

#### Honors & Awards Chair: Ben Mottinger

- Ben held a planning meeting and discuss the planned actions for spring.
- Targeting: Apr 25<sup>th</sup> for Awards Ceremony
- Venue: Wings over the Rockies. Cost: \$2,000 to rent the space (we need to put a 50% down). We get discount for participants (\$10/person).
- Total event cost: \$10,000 (includes complementary cost for speakers/awardees).
- Ben is working to get sponsorship in place for the event.



# Rocky Mountain Section Council of AIAA

## Committee Meeting Agenda

February 15, 2024

**Action:** Marshall will look for the announcement template and will send it to Ben.

**Action:** Marshall will touch-base with Ben and discuss event details early next week (including reaching out to Taylor for a check to secure event venue).

Alternative Idea: to organize the Awards ceremony at MSU instead of Wings over Rockies.

**Action:** Marcus will reach out to Ben by Wednesday to discuss details about hosting at MSU.

### **Communication Director:**

**Mickey Mathew**

- Mickey is pausing his duties at this time.
- Need to organize a team meeting - Marshall, Amanda, Paul, Duncan, Blake, Jonathan, Alex, and Leah

Paul's ideas:

- Need more automation for communication (as opposed to relying so much on emails)
- Update to webpage: to include other/outside events (e.g., AIAA student events)
- Need to add statement at registration stage for participants to bring ID proof (US citizenship check)

**Action:** Marshall will talk with Paul and Amanda to set-up a meeting with Duncan.

Amanda – Pathfinder Conference (1-day conference)

Goals:

- To demystify Aerospace careers and encourage people to pursue AE education.
- Foster inclusion & representation
- Networking with industry

Attendance:

- 75 students
- 5 educational organizations present
- 7 AE companies

### **ATS 2024 (Marshall Lee)**

- CSU will not be able to provide any funding for this year's event (even facilities will have to be funded by AIAA)
- Kristi is meeting with the new Engineering Dean (Allen Robinson) next Monday to confirm the situation and to retain a healthy relationship w/ CSU.
- UCCS has verbally shown interest in hosting. However, no information on what type of support by UCCS has been made available from Lynnane George yet.

Target date for the event: **Sept 27<sup>th</sup> (Friday)**



# Rocky Mountain Section Council of AIAA

## Committee Meeting Agenda

February 15, 2024

Same format: Meet the employers (Thursday)+ ATS (Friday)

Chris suggestion: Make an MOU between AIAA-RM and the UCCS regarding ATS.

**Programs Chair:** **Chris Zeller**

- Successful Speaker Series event on January 25th at Advanced Space! (Engaged with several interested in volunteering).
- Leah and Chris Hunt will work/help Chris with Programs.
- Leah and Chris Hunt investigating an OSIRIS-REx sample return Lockheed program.

**Action:** Chris Zeller will provide Leah and Chris Hunt the Speaker Series announcement template?

- Need a statement on the registration page about US Citizenship - hosting company will verify US Citizenship upon entry
- Nothing has been scheduled in the near term
- Rewire (Longmont) opened a new facility and potentially would host (no work back from them on when)

**Professional Development Chair:** **Eric Cain**

- Eric and Marshall have discussed educational topics, but would like input from the Council
- Possible 3-4 training sessions in 2024
- Possible “tutorials” day before ATS

**Young Professionals/Early Career Chair:** **Kyle Dagg**

March 14<sup>th</sup> @ Colorado Springs

Movie Night: Top Gun: Maverick

Speaker: Fighter pilot invited.

When: 4/19/24, 4pm-9pm.

Budget required: \$2,075

**Action:** Marshall and Kyle will meet and discuss about finding the budget.

**Public Policy Chair:** **Lisa Luedtke**

- Aerospace Day table needs volunteers to staff it March 4<sup>th</sup> (AIAA-RM will have a table!)

**Action:** Marshall (or Lisa) will send a email to ask for volunteers.



# Rocky Mountain Section Council of AIAA

## Committee Meeting Agenda

February 15, 2024

Volunteers: Ben, Ciprian (maybe for a few hours in the morning?), Marlene, Ruth Ehler

**Membership Outreach Director:** **Jonathan Wrobel**

- 1) **AIAA for Continuing Education** – Reached out to CU Boulder aerospace department to explore ways that AIAA can support their distance learning program for professionals who are taking aerospace classes and are currently in adjacent fields/industries. Looking for AIAA to help make entry into the aerospace industry approachable.
- 2) **AIAA Student Chapters** – Reached out to CU Boulder student chapter to sync up on their current activities and potential ways to support the in-person/traditional curriculum as opposed to the above.
- 3) **Collaboration Tools** - Working with Alexandra to build on the regional-level work they are doing to stand up Confluence and other collaboration tools and see if we can piggyback on that.

**Membership Committee Chair** **Charlie Crouse**

- Membership at 1,663 (positive trend!)

**Diversity and Inclusion** **Paul Deaderick**

- Space Operation Forum 2024 - needs coordination with NSBE Space City Professionals
- Recruited the following new members:
  - John Amrine. To represent SASE
  - Robin Bruce Association of BLack Flying Nurses.

**College Outreach Committee Chair:** **Cord Orona**

- Marshall has been working with the St Louis and Illinois Sections to have a recruiters panel
  - “Guide for Interviewing: Good and Bad” Student Virtual Event (Late Feb/Early Mar)
  - Illinois has lined up a Northrop Grumman panelist
  - St Louis working to get a Boeing recruiter
  - RMS - targeting a Lockheed Martin and Blue Canyon Technologies recruiters
  - Need help to ID LM recruiter

**Webmaster:** **Duncan Hills**

- Duncan is working to pass off duties to Blake Clapp-Lee
- Marshall has been posting events (many from UCCS Student Branch) on Wix
- Council email list has folks not listed or needing updated emails



# Rocky Mountain Section Council of AIAA

## Committee Meeting Agenda

February 15, 2024

**Newsletter:** Joel Blake (MIA)

**Next meeting date and location:** Online only (target March 28<sup>th</sup>)

### Adjournment

Marshall adjourned at 20:11

Present at the meeting:

- Online: Leah, Amanda, Trip, Chris Zeller, Marlene Price, Marshall Lee, Ben Mottinger, Paul Schuber, Kathleen Pirazzi, Eric Cain, Kyle Dagg, Marcus Stengel, Ciprian Dumitrache.