

Meeting Agenda

Time & Date: 7:00pm, Thursday, Oct 20, 2022

- Zoom Meeting: <https://aiaa.zoom.us/j/81217171977>

AIAA-NE online information:

- LinkedIn: <https://www.linkedin.com/company/aiaa-new-england/>
- Website: <https://engage.aiaa.org/newengland/home>

1. Opening Remarks & Administration:

- Attendees
 - Included Dr Ahmed Busnaina who recently moved into the section and teaches at Northeastern. He has been very active in other AIAA Sections. (NU has a branch with no current activity that we know of, but has had many students active in AIAA related activities).
- Finances / Expenditures (Osa)
 - 1. Taxes filed for Tax Year 2021.
 - 2. Current balances: \$20,952.10
 - Checking: \$5,937.52
 - Savings: \$15,014.58
 - 3. Pending expenses: \$3,895.00
 - Model Aviation Club Design-Build-Fly Grant : \$995.00
 - AIAA New England Awards : \$2,640.00 plus shipping
 - STEM Educators' Grant (Christian North): \$260.00
 - Christian North's requests have been approved

2. Reports by Committee Chairs & Activity Leads:

- STEM & DEI (Osa)
 - Rocket Launch event at Brockton Public Schools
 - Event held on October 15, 2022.
 - The event was a big success with CBS news interviewing the students and reporting on the occasion ([Brockton students build and launch rockets as part of Empower Yourself program - CBS Boston \(cbsnews.com\)](#)).
 - Crews from MIT-LL and WPI HPRC team supported the events.
 - Congrats to Cedric!
 - \$250 STEM & DEI Grants (Osa, Hiro, Charlie).
 - STEM grant to Christian A. North (Aerodynamic demonstration of impact of weather on flying)
 - MIT-LL Beaver Works Summer Institute (Bob, John, Hiro)
 - Postponed to 2023 due to RaspberryPi shortage...

- College Outreach (Phoenix, Charlie)
 - Phoenix had a meeting with MIT student branch officers
- College Branch Activities / Updates from Advisors
 - WPI (Paul Coccomo)
 -
 - Middlesex Community College (MCC) - Model Aviation Club (Christian).
 -
- Professional Development & Outreach

Zoom Webinars (Shreyas)

- Report on Oct 2022, "Presentation on the Advanced Design projects - Precursor to B-2, F22, F-35", by Dan Raymer (Shreyas)
 - Council approval to buy 5 books
 - Idea is to get them signed by Dan
- Vanessa, Kevin Burns, Dan Raymer- Pens to be shipped. Will do after Nick's webinar that'll be a wrap for 2022
- Working with John Blandino on an industry night type of event at WPI, will keep the council updated.

Next Speaker:

- Nov 2022, "Hypersonic Air Breathing Weapon Concept (HAWC) FT-1B Success Story", by Nicholas E Giovannucci (Phoenix). Last webinar for 2022

Potential speakers:

- "Raytheon Intern Students' Presentation", (Phoenix), 2023
- TBD WPI HPRC Rocket Failure Investigation, Jan 2023
- Ion Propulsion webinar, Feb 2023
- Hybrid Electric propulsion, March 2023
- Col Dr Andrew Breuder on *Human Factors in Aviation*. Charlie attended one of his classes at SNHU -wonderful, all invited on Tuesday and Friday mornings. Charlie will attend more

- Honors & Awards:
 - Nominations for the AIAA-NE Awards. Engraveables in Marlborough is ordering blanks and will give us a significant discount
 - Approximate count
 - 6 Large trophy
 - 46 paperweight awards, several needed quickly
 - Possible distribution of Dan Raymer's 6th edition
 - See discussion of HA dinner below
- Membership Outreach (Jason):
 - 991 members in the Section
 - 207 members have membership expiring in 2022. Out of those, 191 can be contacted by email (the remaining do not want to be emailed).
- In-person event for 2022/2023 (Hiro):

- New MIT Museum visit (Dec 2022).
 - **Special event on December/10th to mark the 50th anniversary of Apollo 17.**
 - Hiro actively working possible participation
- Collings Foundation – STEM Day with Students (June 2023).
 - WPI team (Peter Dentch) is interested in organizing the day.
- AIAA-NE Banquet Dinner (Spring)
 - Targeting an event in April or May 2023.
- New England Air Museum, Windsor Locks, CT <https://www.neam.org>

3. Other

- Charlie working on a possible Honors and Awards Dinner in the spring
- We briefly discussed setting up a Zoom between council members and our 8 student branch advisors