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).
  o Special event on December/10th to mark the 50th anniversary of Apollo 17.
  o Hiro actively working possible participation

• Collings Foundation – STEM Day with Students (June 2023).
  o WPI team (Peter Dentch) is interested in organizing the day.

• AIAA-NE Banquet Dinner (Spring)
  o 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