



IEEE Aerospace Electronic Systems Undergraduate Student Representative

Mehak Jetly

2022 AESSE Spring, Board of Governors Meeting

25-26 March 2022

New York, New York, USA



- ▶ Create engagement between Local Industries and Student Members
- ▶ Create opportunities of Internships, Research, and Projects for student members
- ▶ Current Focus
 - In the field of Aerospace and Cybersecurity Engineering
 - Around the Syracuse area

▶ In Syracuse University-

- Accessible Research facilities
- Closely Located Industries
- Students look for career development opportunities *as much as* Industries look for their workforce development opportunities

▶ In General-

- We have a **STRONG** network.
- Universities have active research facilities
- Industries around universities actively recruit students
- Post COVID -19 normalcy has generated a lot of enthusiasm among College Students

- ▶ In Syracuse University
 - Little awareness about the perks of AESS
 - Not had an AESS Chapter so far

- ▶ In general
 - Very low awareness and understanding on how AESS can help in their professional development
 - Not enough student representation

► Interactive Information Session (March-04-22)

- Purpose:
 - To introduce career development opportunities by AESS
 - 23 students across Aerospace, Cybersecurity, and Electrical Engineering Disciplines registered
- Guest Speakers:
 - Dr. Mark Davis – our President
 - Dr. Shiu-Kai Chin – Professor at the EECS department in Syracuse University



IEEE

Interactive Information Session

Guest Speakers:

Dr. Mark Davis - President of Aerospace and Electronic System Society

Dr. Shiu-Kai Chin - Professor in EECS with research in Computer Security

March 4th
@5:00 pm in 001 LSB
Sandwiches, Cookies, and Lemonade will be provided at the event!

Dress Code:
Semi-casual

Scan to register

Attendees get direct access to IEEE SU Career Fair/Networking event in Fall 2022

► **Strategy Development** (*March-09-22*)

- Purpose:
 - Brainstorm collaboration ideas with Dr. Shiu-Kai Chin (EECS Professor at Syracuse University).
 - Attended by Dr. Davis, Dr. Chin, and IEEE Syracuse Student

- Outcomes:
 - Solidified contacts Dr. Chin can connect us with
 - Griffus Institute in Rome, NY
 - Northrop Grumman
 - Established potential ideas for engagement
 - Field Trip to Griffus Institute
 - Provide mentorship for research to Student members

▶ Collaborate with Local Industries

- Local industries provide opportunities of internships or projects

▶ Collaborate with university Professors

- Professors provide opportunities of research in the fields of Aerospace and Cybersecurity

Student Branch provides good candidates for those opportunities

- ▶ Competitions from other technical organizations on campus
 - Organizations do not require any membership fees
 - Organizations host hackathons and networking events consistently
- ▶ Students lack a clear incentive to join
 - They are looking for ways to show their practical applications
 - They are very scrupulous while investing their time into something

- ▶ We will distinguish ourselves by making AESS Student Branch a platform to facilitate engagement between industries and students

Plan for 2022

- April: Start meeting with industries to network and strategize collaboration
- September: On 24th we will organize a Job Fair/Networking event
- September: Hold problem solving/ merit-based activities prior to the job fair to provide good candidates for industries

THANK YOU

Questions?