



IEEE Aerospace & Electronic Systems Society

Walt Downing,  
President, IEEE AESS  
2020

# WHO ARE WE?



AEISS is a Society within IEEE, serving over 4,500 members. It is the only professional society dealing with total integrated electronic systems and enabling technologies. AEISS provides a *global professional home* for engineers working in the electronic systems domain. The fields-of-interest shall include but are not limited to navigation, avionics, mobile electric power and electronics, radar, sonar, telemetry, military, law-enforcement, automatic test, simulators, and command and control.

IEEE Member Dues - \$25/year

IEEE Student Member Dues - \$13/year (reduced to \$5/year in 2021)

<http://ieee-aess.org/>

# Conferences



**IEEE AUTOTESTCON 2020**

August 24-27, 2020 ★ National Harbor, Maryland

Gaylord National Convention Center



A full listing of our conferences can be found on the AESSE website.

<http://ieee-aess.org/conferences/home>

# Publications

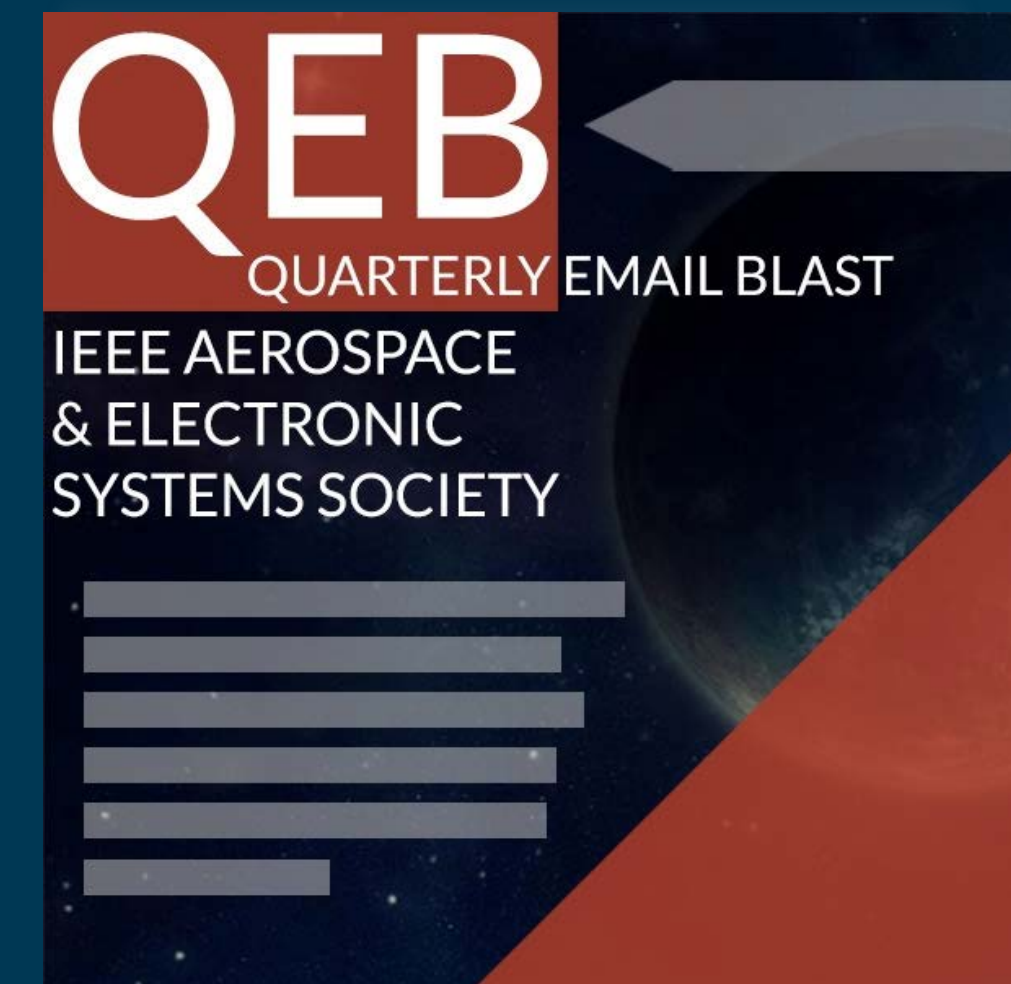


IEEE Transactions on Aerospace and Electronic Systems (T-AES)

New Journal proposed for 2021  
IEEE Transactions on Radar Systems (T-RS)

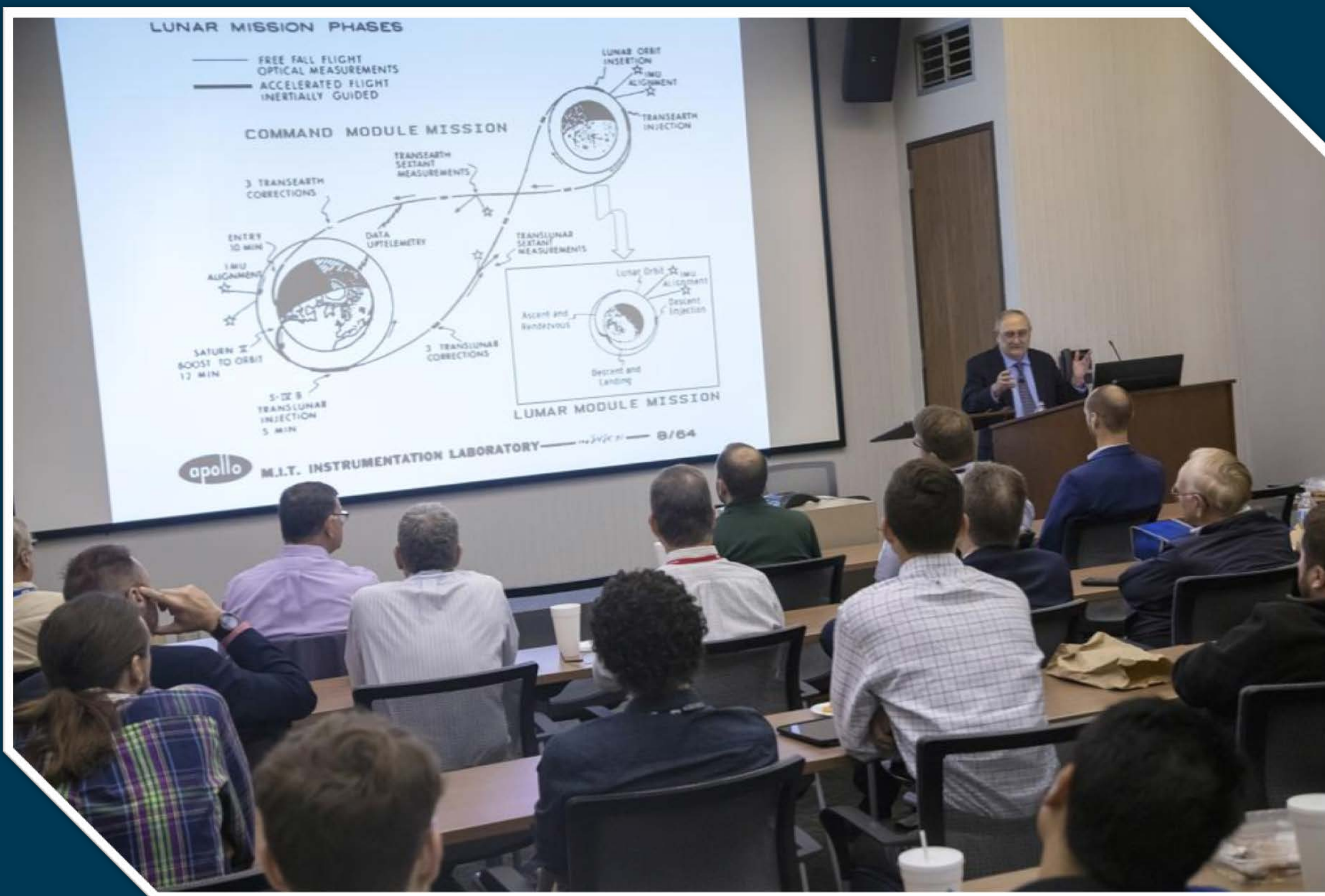


IEEE Aerospace and Electronic Systems Magazine (AES-M)



IEEE Aerospace and Electronic Systems (AESS) Quarterly E-Mail Blast (QEB)

# AESS Publications, Tutorials & Lectures Available in the AESS Resource Center



Distinguished Lecture on the Apollo Program



Tutorial on Radar Fundamentals.

# Student and Young Professional-Focused Activities

AESS creates strong ties with students and young professionals through education and mentoring. The many student-focused activities include:

- Professional Networking and Mentoring Program
- AESS Engineering Scholarship
- Robert T. Hill Best Dissertation Award
- Student Chapters
- Radar Summer School



Young Professional Networking Event at the Aerospace Conference



Radar Summer School

<http://ieee-aess.org/student-activities>

# Professional Networking & Mentoring Program

The AESS Professional Networking and Mentoring Program offers a structured program that connects students and young professionals with more experienced AESS members for two-way exchange.

AESS has 92 active Mentor Profiles available to Mentees. These can be sorted by IEEE Region, Technical Areas, or Affiliation Type. There are currently 60+ Mentees registered in the program!



**“Thanks to my mentor's knowledge and experience I was able to significantly increase the effectiveness of my research.”**

- Jędrzej Drozdowicz, Mentee

# 2019 IEEE Educational Activities Board Society Professional Development Award winner



*“For offering inspiring and comprehensive educational programs  
and innovative professional development opportunities to the  
IEEE community.”*