IEEE Aerospace & Electronic Systems Systems Society

Walt Downing,
President, IEEE AESS
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WHO ARE WE?

AESS 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. AESS 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

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

http://ieee-aess.org/conferences/home
Publications

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

IEEE Aerospace and Electronic Systems Magazine (AES-M)

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

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

http://ieee-aess.org/publications/home
AESS Publications, Tutorials & Lectures Available in the AESS Resource Center

Distinguished Lecture on the Apollo Program

Tutorial on Radar Fundamentals.

http://resourcecenter.aess.ieee.org/
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
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

http://ieee-aess.org/aess-professional-networking-and-mentoring-program
“For offering inspiring and comprehensive educational programs and innovative professional development opportunities to the IEEE community.”