

# IEEE Aerospace & Electronic Systems Society

## 2021 Virtual Distinguished Lecturer Webinar Series

The IEEE AESS Virtual Distinguished Lecturer Webinar Series initiative allows us to continue providing AESS members with our respected and reputable Distinguished Lecturer program. Registration is completely free and will be limited to the first 150 registrants per event. In the case you are unable to register, you can also attend the webinar concurrently via Facebook Live, or access the webinar recording following the event.

Webinars are 60-minutes long, including 15 minutes for Q&A. We are thrilled to offer you the opportunity to attend these webinars, and we encourage your participation!

Questions? Contact us at: [admin@ieee-aess.org](mailto:admin@ieee-aess.org)

For more information and to register, visit: [ieee-aess.org/webinar-series-home/2021](http://ieee-aess.org/webinar-series-home/2021)

### April Webinars

**Dr. George Schmidt**

Inside Apollo: Heroes, Rules and Lessons Learned in the Guidance, Navigation, and Control System Development

April 1, 2021 at 12:00 pm ET

**Dr. Antonio De Maio**

CFAR Techniques for Radar Detection

April 6, 2021 at 9:00 am ET

**Dr. Alfonso Farina**

The Role of Multitarget Tracking Radar in Surveillance Systems

April 8, 2021 at 7:00 am ET

**Dr. Demoz Gebre-Egziabher**

Synthetic Air Data Systems: Using Sensor Fusion to Estimate Air Data Parameters

April 20, 2021 at 12:00 pm ET

**Dr. Mark Davis**

Foliage Penetration Radar

April 22, 2021 at 9:00 am ET

**Dr. Uttam Majumder**

Deep Learning Based Advanced SAR Automatic Target Recognition Algorithms

April 27, 2021 at 1:00 pm ET

**Dr. Wolfgang Koch**

Ethically Aligned Data Fusion Systems

April 29, 2021 at 12:00 pm ET

### May Webinars

**Mr. Robert Rassa**

Importance of Systems Engineering in Today's design Environment

May 4, 2021 at 11:00 am EDT

**Dr. Roberto Sabatini**

The Future of Avionics Systems

May 6, 2021 at 6:00 pm ET

**Dr. Erik Blasch**

Overview of High-Level Information Fusion Theory, Models, and Representations

May 11, 2021 at 9:00 am ET

**Dr. Yonina Eldar**

Deep Analog-to-Digital Compression: Applications to Automotive Radar and Massive MIMO

May 13, 2021 at 10:00 am ET

**Dr. Hongbo Sun**

Passive Through-Wall Human Sensing with WiFi Signal

May 18, 2021 at 9:00 am ET

**Dr. Marina Ruggieri**

Space Sustainability

May 20, 2021 at 8:00 am ET

**Dr. Luke Rosenberg**

The Importance of Sea Clutter Modeling

May 25, 2021 at 6:00 am ET

**Mr. Walt Downing**

Using Machine Vision Perception to Control Automated Vehicle Maneuvering

May 27, 2021 at 12:00 pm ET