

CONFERENCE AGENDA

Tuesday, April 11th

7:00 AM **On-Site Registration**

8:00 AM **AMTA Welcome**
Dennis Lewis, Boeing, IEEE EMC Chapter Chair and AMTA 2023 Host

8:10 AM **The Art, Science and Engineering of Modern Antenna Measurements and Diagnostics: *From Marconi's First Measurements to Today's Amazing Advances***
Yahya Rahmat-Samii, University of California, Los Angeles

10:00 AM **BREAK**

10:20 AM **Continuation of above tutorial presentation by**
Yahya Rahmat-Samii, University of California, Los Angeles

12:15 PM **LUNCH**

1:00 PM **Measurements and Modeling of 5G FR2 (> 24 GHz) Systems: Challenges, Observations, and Explanations Even Management Can Understand**
John Ladbury, National Institute of Standards and Technology (NIST)

1:45 PM **Antenna Simulation and the Dynamic Mission: A Case Study in Airborne Radar Altimeter and 5G Coexistence**
Jason Bommer, Ansys

2:30 PM **BREAK**

2:50 PM **Dynamic Channel Emulation for Spacecraft Test and Integration**
David G. Michelson, The University of British Columbia (UBC)

3:30 PM **Antenna Placement on Complex Platforms – Getting the Most from Measurements and Simulations**
Lars Foged, Microwave Vision Group (MVG)

4:15 PM **Analyzing Ground-Based Electronically Steerable Arrays (ESA) Used for Communications with Non-Geo Stationary (NGSO) Satellites**
David R. Novotny, Nicholas Christensen, Shanay Kothari, and Leszek Langiewicz
Space Exploration Technologies Corporation (SpaceX)

5:00 PM **Closing Comments: Preview of April 12 Workshop Technical Program and AMTA 2023 Symposium**
Dennis Lewis

5:15 PM - 6:15 PM **RECEPTION with Attendees, Speakers, and Exhibitors**