

Distinguished Service Award

Antenna Measurement Techniques Association Distinguished Service Award

Presented to

Peter J. Collins



The 2022 AMTA Distinguished Achievement Award is presented to Dr. Peter Collins, who throughout his career has exemplified and promoted the goals and objectives of the Antenna Measurement Techniques Association.

The AMTA hereby cites Dr. Peter Collins for:

- Fostering education and technical growth of the next generation of engineers and scientists in the area of antenna measurements through his extensive involvement with the AMTA Student Day, including mentoring, lectures and instituting the first Student Day Design Contest in 2013.
- Contributions through service on the Antenna Measurement Techniques Association Board of Directors in the positions of Secretary (2013-2014), President (2015) and Past President (2016).
- Serving as Co-host of AMTA 2013 Symposium in Columbus, Ohio.
- Contributions to the Technical Program Committee, Student Paper Award Committee, and Session Chair at numerous AMTA Symposia.
- Many years of service on the AMTA Web Oversight Committee (WOC).
- Serving on the AMTA Awards Committee and AMTA Nominating Committees in 2015 and 2016.
- For his many ongoing years of AMTA support.
- For outstanding contributions to AMTA in numerous areas of service.

Peter J Collins is currently a senior staff engineer with Resonant Sciences (RS), Dayton, Ohio. He is a Fellow of the Antenna Measurement Techniques Association (AMTA), Senior Member of the IEEE, and member of the Eta Kappa Nu and Tau Beta Pi honor societies. With over 35 years of government subject matter expert experience, Dr. Collins has served in many positions throughout the Department of Defense (DoD). Highlights include a term as commander of the National RCS Test Facility (NRTF), where he led a diverse team of government and contractor scientists, engineers, and technicians to ensure testing and upgrades at the Air Force's premiere outdoor static RCS range. Upon retirement from active duty, Dr. Collins joined the Air Force Institute of Technology (AFIT) where he served as Professor of Electrical Engineering. In addition to advising over 50 graduate students, Dr. Collins was the Low Observables (LO) Curriculum Chair responsible for ensuring AFIT's LO program met the needs of the Air Force and broader DoD. While at AFIT, Dr. Collins received the 2013 Secretary of the Air Force Harold Brown Award for survivability technology development including efforts to develop low frequency noise radar enabled RCS measurement systems and a patented low clutter bistatic measurement concept for indoor RCS measurement. In addition to his academic service, Dr. Collins served the National RCS Measurement Facility Certification Program as an Executive Committee Member for five years, pushing for balance in QA best practices and test cost. His long association with the certification program includes time as an RCS range reviewer for the Air Force Research Laboratory's Advanced Compact Range, the AFRL Mobile Diagnostic Laboratory, Northrop Grumman's SAF II Compact Range, and the Tejon Outdoor Far-field Range.

Dr. Collins has been a member of AMTA since 2002 and was elected a member of the Board of Directors in 2012. He served as co-host of AMTA 2013, AMTA Secretary (2012-2014), President (2015), and Past President (2016), as well as serving on the Technical Program Committee, Student Paper Committee, AMTA web committee and Session Chair for many years. Dr. Collins' passion for students as the next generation of AMTA engineers is evident in his extensive involvement with the AMTA student day. Over the years he's served as a student day mentor, guest speaker, and lecturer. In 2013, Dr. Collins instituted AMTA's first student day design contest which drew a record number of students. Building on a tutorial introducing electromagnetic scattering and RCS reduction, the students are afforded an opportunity to put what they've learned into practice while working alongside AMTA vendors measuring their creations. This vendor involvement is a key motivator for the students and helps build mentor relationships that keeps AMTA vital year after year.

For outstanding contributions to AMTA in numerous areas of service.