

Antenna Systems Solutions (CTG) Workshop on Advances in Antenna Measurements



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Dr. Pivnenko received his M.Sc. and Ph.D. degrees in Radiophysics (Electrical Engineering) from Karazin Kharkiv National University, Kharkiv, Ukraine in 1995 and 1999, respectively. From 2000-2015, he was working at the Technical University of Denmark (DTU) where he was responsible for daily operation of the DTU-ESA Spherical Near-Field Antenna Test Facility – external laboratory of the European Space Agency (ESA) for high-accuracy antenna measurements. In 2015, Dr. Pivnenko joined Antenna Systems Solutions, where he is responsible for scientific and technical tasks related to development of antenna measurement ranges.

Abstract

New challenges are facing designers of antenna measurement systems from existing frequencies predominantly below 3 GHz up to the lower end of the millimeter wave bands around 28 GHz and higher. In the framework of EuCAP 2020, Antenna Systems Solutions is pleased to invite participants to a workshop outlining the frontiers of antenna measurement research in the field of 5G and Automotive measurements. A selection of speakers will deliver oral presentations on current and future trends. Antenna Systems Solutions (CTG) is one of the leading providers of antenna and RCS measurement instrumentation for the accurate evaluation of electromagnetic near- and far-fields ranging from UHF up to millimetre wave bands.

Workshop outline

This will include keynote speakers who will discuss the following topics:

- Dr Carlo Rizzo, “Introduction to Antenna Systems Solutions” 10 mins
- Prof Marianna Ivashina, “MIMO Research at Chalmers University” 15 Mins
- Dr Fabien Ferrero, “Challenges of 5G BTS Antenna measurements” 15 Mins
- Prof Stuart Gregson, “CATRs: Recent Developements in the Use of Simulation and Post-Processing in Support of 5G OTA Testing” 20mins
- Dr Sergiy Pivnenko, “Validation of new antenna test ranges for automotive and 5G OTA testing at Aalborg University” 20mins
- Q&A 10 mins

If you are interested in participating please send an email to info-es@asysol.com