

**Antenna Measurement Techniques Association**  
*Distinguished Achievement Award*

*Presented to*

**Dr. Antti V. Räsänen**



The 2009 Antenna Measurement Techniques Association Distinguished Achievement Award is presented to ***Dr. Antti V. Räsänen***, who has worked for over thirty years to develop technologies and techniques for measurement of antennas at mm and sub-mm wavelengths. Dr. Räsänen has contributed over 21 papers to AMTA symposia, has served as Session Chair and Technical Program Committee member for numerous symposia, and has mentored multiple AMTA Student Paper Contest winners. The AMTA hereby cites Antti Räsänen:

***For distinguished pioneering contributions to  
the theory, practice, art, and advancement of  
Hologram-based Compact Antenna Test  
Ranges at Sub-mm Wavelengths***



## Dr. Antti V. Räsänen



Dr. Antti V. Räsänen received the Doctor of Science (Technology) degree in Electrical Engineering from Helsinki University of Technology (TKK), Finland, in 1981. In the past he has held visiting scientist positions at Five College Radio Astronomy Observatory (FCRAO) and the University of Massachusetts, Amherst MA, at Chalmers University of Technology, Gothenburg, Sweden, at the Department of Physics, University of California, Berkeley CA, at the Jet Propulsion Laboratory and the California Institute of Technology, Pasadena CA, and at Paris Observatory and University of Paris.

Currently, he is a chair professor of Radio Engineering at TKK and is supervising research in millimeter wave components, antennas, receivers, microwave measurements, etc. at TKK Dept. Radio Science and Engineering, and leads the Centre of Smart Radios and Wireless Research (SMARAD). He serves also as the Chairman of the Board of Directors of MilliLab (Millimetre Wave Laboratory of Finland – ESA External Laboratory). He has authored and co-authored some 400 scientific or technical papers and six books, e.g. *Radio Engineering for Wireless Communication and Sensor Applications* (Massachusetts: Artech House, 2003, with A. Lehto).

Dr. Räsänen was the Chairman of the IEEE MTT/AP Chapter in Finland from 1987 to 1992. He was the Secretary General of the 12<sup>th</sup> European Microwave Conference in 1982, and has been Conference Chairman of several international microwave and millimeter wave conferences including the 22<sup>nd</sup> European Microwave Conference in 1992. During 1995-97 he served in the Research Council for Natural Sciences and Engineering, the Academy of Finland. In 1997, he was elected the Vice-Rector of Helsinki University of Technology for the period of 1997-2000. He served as an Associate Editor of the *IEEE Transactions on Microwave Theory and Techniques* from 2002 to 2005. He is a member of the Board of Directors of the European Microwave Association (EuMA) for 2006-2008 and 2009-2011. Dr. Räsänen is a Fellow of the IEEE since 1994 and Fellow of AMTA since 2008.