

Microwave Pioneer Award

Recognizes an individual or team, having made outstanding pioneering technical contributions that advance microwave theory and techniques, which are described in an archival paper published at least 20 years prior to the year of the award.



Marian W. Pospieszalski

For the Development of an Excellent Noise Model for the Design of Low Noise FET Microwave Circuits Especially at Low Temperatures

Marian W. Pospieszalski was awarded the M.Sc. and D.Sc. degrees in electrical engineering from the Warsaw Institute of Technology (WUT), Warsaw, Poland, in 1967 and 1976, respectively. From 1967 to 1984, Dr. Pospieszalski was with the WUT Institute of Electronics Fundamentals. Since 1984, he has been with the NRAO Central Development Laboratory, presently as Scientist Emeritus. His research interests are in the fields of microwave and millimeter-wave circuits and systems with emphasis on cryogenic applications.

Dr. Pospieszalski was elected Fellow of IEEE (1992) and received, among other recognitions, the IEEE MTTTS Microwave Application Award (2006) and EuMA Pioneer Award (2022).