

## Pioneer Award:

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Recognizes a major, lasting contribution in the field of interest of MTT-S, published in an archival journal, at least 20 years prior to the year of the award, by an individual or team of up to three (3). This year's recipients are **R.J Trew, J.-B Yan and P.M. Mock.**



### **P.M. Mock**

*"For Pioneering Contributions to the Theory, Realization, and Application of Wide Bandgap Semiconductor Devices as Microwave and MM-Wave Power Sources and Amplifiers"*

Philip M. Mock is currently the Lead Radar Systems Engineer for Naval Air Systems Command on the P-8A, Poseidon Maritime Patrol Aircraft at Patuxent River Naval Air Station, MD. Dr. Mock received his BS degree in Physics (1977) from the University of Notre Dame and both his MS in Materials Engineering (1980) and PhD in Electrical and Computer Engineering (1991) from North Carolina State University.

Dr. Mock received a postdoctoral Fellowship from the Office of Naval Technology and worked in developing quasi-optical power amplifiers and solid-state radar transmitters at the Naval Air Weapons Station China Lake, CA. He joined the Research Department at the Raytheon Company, Lexington, MA in 1996. His work at Raytheon included the development of Ka Band GaAs and InP IMPATT oscillators employed in radar transmitters and X Band GaN integrated amplifiers. He also provided technical support to Raytheon's Patriot and THAAD Missile Defense Programs. Dr. Mock joined the Radar and Antenna Systems Division of NAVAIR in Patuxent River, MD in 2006 where he has served as a Radar Engineer supporting Tactical Strike and Air ASW, Assault and Special Mission Programs.

He is a member of the IEEE, Alpha Sigma Mu, Eta Kappa Nu, and Tau Beta Pi. Dr. Mock enjoys traveling with his wife, Anne and recreational flying.