Bruce Danly, PH.D.

Superintendent
Radar Division
Naval Research Laboratory

Dr. Bruce Danly presently serves as Superintendent, Radar Division, Naval Research Laboratory (NRL). The NRL Radar Division is responsible for basic and applied R&D in radar and related sensors for the Navy and Marine Corps. The Division also provides support to the Navy acquisition community and to the operational Navy on quick-reaction tasks. Dr. Danly was appointed to the Senior Executive Service in February 2008.
Prior to his appointment to the SES, Dr. Danly served as Branch Head, Microwave Technology Branch, in the NRL Electronics Science and Technology Division from 2006 – 2008. This branch carries out R&D on both wide-bandgap and narrow-bandgap semiconductor devices and passive and active microwave components. Dr. Danly originally entered government service in 1995 as Head of the High Power Devices Section, Vacuum Electronics Branch, in the Electronics Science & Technology Division (ESTD), Naval Research Laboratory. From 1995-2006, he led a group which developed high-power millimeter-wave technology for application to radar, communications, and EW systems.

Dr. Danly received the bachelor's of arts degree in physics from Haverford College in 1978, and the Ph.D. degree in physics from the Massachusetts Institute of Technology in 1983. Prior to his arrival at NRL in 1995, he was on the Research Staff at the MIT Plasma Fusion Center, as Research Scientist, 1983 – 1992, and as Principle Research Scientist, 1992 – 1995, where he worked on high power microwave and millimeter wave sources for fusion and accelerator applications.

Dr. Danly was elected Fellow of the Institute of Electrical and Electronic Engineers (IEEE) in 2003 for his work on millimeter-wave sources. He received the Robert L. Woods award from the Advisory Group on Electron Devices of the Office of Secretary of Defense in 1999 for leadership in the vacuum electronics community. As a member of the Research Staff at NRL during the period September 11, 2001 to 2006, he received the Navy Meritorious Unit Commendation. Dr. Danly was awarded a Group Award in 2002 for development of the WARLOC High-Power Millimeter-Wave Radar, and the NRL Technology Transfer Award in 2000 and 2003. He is a member of the APS and IEEE, and serves on the IEEE Aerospace and Electronic Systems (AES) Radar Systems Panel. He has published over seventy papers in scientific and technical journals.

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Dr. Danly participated in the NRL Scientist-to-Sea program in the USS Mahan (DDG72) in 1998.