
Christoph R. Englert



Superintendent, Space Science Division U.S. Naval Research Laboratory



Dr. Englert is Superintendent of the U.S. Naval Research Laboratory's Space Science Division. He directs the conception, planning, and execution of space science research and development programs in two major areas: theoretical, experimental and numerical research of geospace science and technology, solar and heliospheric physics, and the high-energy space environment; and conception, design, fabrication, integration, test, operation and experimentation with forefront space instrumentation flown on space and near-space platforms. He leads a team of about 70 scientists, engineers and technicians, executing an annual budget of approximately \$40 million.

Englert entered the DON Senior Executive Service in May 2019. He joined the federal service at NRL's Space Science Division in 2001 as staff research physicist, became Head of the Planetary Atmospheres Section in 2009, and Head of the Geospace Science and Technology Branch in 2012. During this time, he predominantly worked on high spectral resolution, remote sensing instrumentation and observations, covering the electromagnetic spectrum from the ultraviolet to the thermal infrared. He served as the Instrument Scientist of a Space Shuttle payload flown in 2002, the Principal Investigator (PI) of the first long duration, satellite borne Spatial Heterodyne Spectrometer, and the PI of a satellite payload to observe thermospheric wind and temperature. His roles included a broad range of responsibilities ranging from instrument conception to the analysis, interpretation and publication of the scientific results.

He holds a graduate degree in physics from the Technical University of Munich and a doctorate degree (summa cum laude) in physics from the University of Bremen. Englert is the recipient of a 2007 Navy Meritorious Unit Commendation, a 2007 Department of the Navy Top Scientists and Engineers of the Year Award, a 2008 NASA Group Achievement Award, a 2010 American Institute of Aeronautics and Astronautics (AIAA) Space Systems Award, and a 2014 Federal Technology Transfer Award. He holds six patents in the fields of space science and instrumentation.

Englert is a Senior Member of the Optical Society of America, a member of the American Geophysical Union, a member of Sigma Xi, and a past President of its NRL chapter, and serves as the chair of the Department of the Navy Space Experiment Review Board, as of 2019.