

## **Bill Melvin**

### **Deputy Director, Sensors & Intelligent Systems**

Dr. William Melvin is Deputy Director for Research at the Georgia Tech Research Institute (GTRI), Director of the Sensors and Intelligent Systems Directorate at GTRI, a University System of Georgia Regents' Researcher, and an Adjunct Professor in Georgia Tech's Electrical and Computer Engineering Department. His research interests include all aspects of sensor technology development, electronic warfare, computational electromagnetics, signatures, systems engineering/developmental planning, autonomous/intelligent systems and machine learning, and threat systems analysis. He has authored numerous papers in his areas of expertise and holds three U.S. patents on adaptive sensor technology. He is the co-editor of two of the three volumes of the popular Principles of Modern Radar book series.



Among his distinctions, Dr. Melvin is the recipient of the 2014 IEEE Warren White Award, 2006 IEEE AESS Young Engineer of the Year Award, the 2003 U.S. Air Force Research Laboratory Reservist of the Year Award, and the 2002 U.S. Air Force Materiel Command Engineering and Technical Management Reservist of the Year Award. He was chosen as an IEEE Fellow for his contributions to adaptive radar technology, and is also a Fellow of the Military Sensing Symposium (MSS). Also, he is a member of the U.S. Air Force Science Advisory Board, served on the Board on Army Science and Technology through the National Academy of Science, served on the Air Force Studies Board on Developmental Planning organized through the National Academy of Science, and has served on other committees sponsored by the National Research Council.

Dr. Melvin received the Ph.D. in Electrical Engineering, as well as the MSEE and BSEE degrees (with high honors), from Lehigh University. He is also a distinguished graduate of the U.S. Air Force ROTC Program, and a graduate of the U.S. Army Airborne School and the U.S. Air Force Squadron Officer School.