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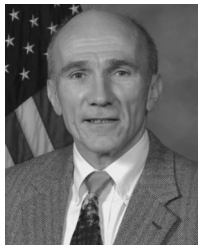

Dr. **Paul F. McManamon** started Exciting Technology LLC after he retired from being Chief Scientist for the Air Force Research Lab (AFRL) Sensors Directorate. He is also Technical Director of the Lidar and Optical Communications Institute (LOCI) at the University of Dayton. He chaired the 2014 U.S. National Academy of Sciences Study "Laser Radar: Progress and Opportunities in Active Electro-Optical Sensing." He was the main LiDAR expert witness for Uber in the lawsuit Uber versus Google/Waymo. He cochaired the 2012 U.S. NAS study "Optics and Photonics, Essential Technologies for Our Nation," which recommended a National Photonics Initiative (NPI). Dr. McManamon was also vice chair of the 2010 NAS study "Seeing Photons: Progress and Limits of Visible and Infrared Sensor Arrays."

Dr. McManamon is a Fellow of SPIE, IEEE, OSA, AFRL, the Directed Energy Professional Society (DEPS), the Military Sensing Symposia (MSS), and the American Institute of Aeronautics and Astronautics (AIAA). Dr. McManamon received the IEEE W.R.G. Baker Award in 1998 for the best paper in *any* refereed IEEE journal or publication (>20,000 papers). He was president of SPIE in 2006. He served on the SPIE Board of Directors for seven years and on the SPIE Executive Committee from 2003 through 2007. Dr. McManamon worked with Dr. Fenner Milton and Dr. Gerry Trunk to found the MSS, combining IRIS and the Tri-Service Radar Symposia. He worked as a civilian employee of the Air Force at WPAFB from May 1968 through May 2008. His last position for the Air Force was chief scientist for the AFRL Sensors Directorate, where he was responsible for the technical aspects of all AFRL sensing technologies, including RF and EO sensing, automatic object recognition, infrared countermeasure (IRCM), electronic warfare, and device technologies. Prior to that, he also was senior scientist for EO/IR Sensors, and acting chief scientist for the Avionics Directorate for >2.5 years. In 2006 he received the Presidential Rank Award of Meritorious Executive. He was the co-recipient of the SPIE President's Award in 2013.