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Paul McManamon owns Exciting Technology LLC and is the Technical Director of Ladar and Optical Communications Institute (LOCI) at the University of Dayton. Dr. McManamon recently chaired the National Academy of Sciences (NAS) study “Laser Radar: Progress and Opportunities in Active Electro-Optical Sensing,” released in March, 2014. Dr.

McManamon co-chaired the NAS study, “Optics and Photonics: Essential Technologies for Our Nation,” released in August, 2012. This study recommended the National Photonics Initiative. He also served as Vice Chair to the 2010 NAS study “Seeing Photons.”

Dr. McManamon started at Wright-Patterson Air Force Base in May 1968 and retired from the same in 2008 as Chief Scientist of the Sensors Directorate, U.S. Air Force Research Laboratory (AFRL). Previous to that he was Senior Scientist of EO Sensors, and before that, acting chief scientist for Avionics, also at AFRL.

In 2006 he received the Meritorious Presidential Rank Award. He has participated in three Air Force Scientific Advisory Board studies. He was instrumental in the development of laser flash imaging to enhance EO target recognition range by a factor of 4 or 5. Dr. McManamon was the 2006 President of SPIE. He served on the SPIE Board of Directors for seven years and on the SPIE Executive Committee for four years. In 1998, Dr. McManamon and his co-authors received the IEEE W.R.G. Baker award for best paper in *any* refereed IEEE journal or publication. Dr. McManamon is a Fellow of SPIE, IEEE, OSA, AFRL, MSS, AIAA, and DEPS.