

## Bio – Ron Litchford, NASA/STMD



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Dr. Litchford currently serves as the Principal Technologist for Propulsion for NASA's Space Technology Mission Directorate. He received a B.S. degree in mechanical engineering from Tennessee Technological University in 1987 and M.S. and Ph.D. degrees in mechanical & aerospace engineering from the University of Tennessee Space Institute in 1989 and 1992, respectively. His professional experiences broadly encompass aerospace propulsion & power systems and advanced energy applications. This includes 2 years (1987-1989) as a NASA Graduate Research Fellow; 5 years (1989-1994) as a Research Engineer with the UT-Calspan Center for Space Transportation and Applied Research, a NASA Center for the Commercial Development of Space; 5 years (1994-1999) as Advanced Projects Manager within the R&D Division of ERC Inc., an aerospace engineering and research service company; and 19 years (1999-2018) within NASA devoted to research and technology development for launch and spacecraft vehicle systems.