

Don Platt, Ph.D.

Associate Professor | Director of the Spaceport Education Center at Florida Tech
Melbourne, FL, US

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About

Dr. Don Platt's work has involved developing, testing and flying different types of avionics, communications, rocket propulsion systems as well as astrobiology/biotechnology systems and human deep space exploration tools. He is familiar with NASA design and engineering processes such as 7150.2A and 7120.5. Key areas of focus include human space exploration and the adaptation to deep space exploration, high performance small satellite systems and ways to utilize both human and satellite constellations as we move forward. These small satellite systems can also be used to solve research problems of interest in guidance navigation and control, astrodynamics, propulsion, optics, advanced materials and more. Dr. Platt is also owner of Micro Aerospace Solutions, which conducts R&D and development of advanced systems for small satellites as well as other high-tech industries such as biotech, asset tracking, auto racing and military.

Industry Expertise

Research, Education/Learning

Areas of Expertise

Space Systems, Rocket Propulsion Systems, Deep Space Exploration, Satellite Design, Astrodynamics, Avionics

Education

Florida Institute of Technology
Ph.D. Aerospace Engineering

Florida Institute of Technology
M.S. Space Systems

Western Connecticut State University
B.A. Physics, Astronomy

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