



FOUNDER & RESEARCH DIRECTOR



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Venkatesan (Prasad) Sundararajan

AREAS OF EXPERTISE:

Comparative space strategy, economic and risk analysis;
Space systems design & architecture review;
Practical application of internet technologies for aerospace knowledge management.

EDUCATION:

Architecture & Systems Engineering Program, MIT Professional Education, 2018.
Advanced Project Management Certificate, Stanford University, California, 2005.
MBA, Crummer Graduate School of Business, Rollins College, Florida, 1996.
M. Eng (Mechanical Engineering), Concordia University, Montreal, Canada, 1994.
B. Eng (Mechanical Engineering), Madurai University, India, 1991.

AFFILIATION:

Associate Fellow (Elected in January 2010), American Institute of Aeronautics and Astronautics (AIAA); Member, AIAA Economics Technical Committee.

RECENT PUBLICATIONS

1. "Gaganyaan Mission: Socio-technical Systems Design and Strategic Perspectives of India's Human Spaceflight Program", Abstract accepted for *AIAA SciTech Forum*, January 2021.
2. "Exploring Model-based Portfolio Design Optimization for Modern Combat Aircrafts Selection Utilizing MATE and EEA Methods", AIAA 2020-3117, *AIAA AVIATION 2020 Forum*, June 2020.
3. "TASTE of Europe's JUICE Mission: Tradespace Analysis of Spacecraft Technology Evaluation (TASTE) for ESA's Jupiter ICy moons Explorer (JUICE)", AIAA 2019-0769, *AIAA SciTech 2019 Forum Proceedings*, January 2019.
4. "Space System Architecture of India's Aditya-L1 Mission to study the Sun", AIAA 2018-5128, *AIAA SPACE and Astronautics Forum*, September 2018.
5. "Overview and Technical Architecture of India's Chandrayaan-2 Mission to the Moon", AIAA 2018-2178, *AIAA Aerospace Sciences Meeting*, January 2018.
6. "Case Study of European Mars Missions Utilizing System Design and Management Methods", AIAA 2017-5324, *AIAA SPACE and Astronautics Forum*, September 2017.