

“The Promises of Nanotechnology: Will They Be Kept?”

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What are the mission applications of microspacecraft and nanospacecraft? What are the technology needs to enable these missions? What work is currently being done, and what is the state-of-the-art? What are the challenges?

This presentation provides an overview of NASA mission applications of microspacecraft and nanospacecraft. Technologies needed to enable these mission applications are identified, and a survey of the state-of-the-art and overview of current development activities are provided. Technical challenges particular to NASA microspacecraft and nanospacecraft missions are discussed.