NASA's Use of MBSE and SysML Modeling to Architect the Future of Human Exploration

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Abstract. To enable the NASA to take on larger, more complex science and exploration missions new ways of integrating, managing, sharing and leveraging information is required with utilizing MBSE and associated models to link work groups from Headquarters to field Centers to enable mission feasibility, planning and operations in taking humanity to the Moon and on to Mars.

Biography

Terry R. Hill (NASA)
Terry R. Hill has been with NASA for over 25 years and serves as the Digital Engineering Program Manager led out of NASA Headquarters' Office of Chief Engineer and is responsible for providing a strategic and executable implementation approach for delivering digital engineering, MBSE methodology and interoperable tool chains to usher the agency into the modern world of DE design and SE.