MDA TECHNOLOGY FOR PLANETARY SCIENCE

DR. JAMIL A. SHARIFF
NASA SMD TECH SHOWCASE

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"Collecting In Situ Observations of Meteorological and Aeolian Processes on Mars"

MARS

SMALL BODIES

"Centaur ORbiter And Lander (CORAL)"

"An Incoherent Scatter Radar Mission to Mars"







PHA PARTICLE X-RAY SPECTROMETE (Mars Exploration Rovers & Mars Science Laboratory) - NASA



METEOROLOGY PACKAGE (Mars Phoenix Lander) - NASA



EXOMARS CAMERA - ESA



OSIRIS-REX LASER ALTIMETER
NASA

South Pole-Aitken (SPA) basin (lunar farside) Poincaré soll oction sies

"Endurance: Lunar SPA Traverse & Sample Return"

"Optical Sensor for ISRU Minerals (OSIM)"

MOON

MERCURY A

"A Mercury Lander Mission Concept Study"

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THANK YOU

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