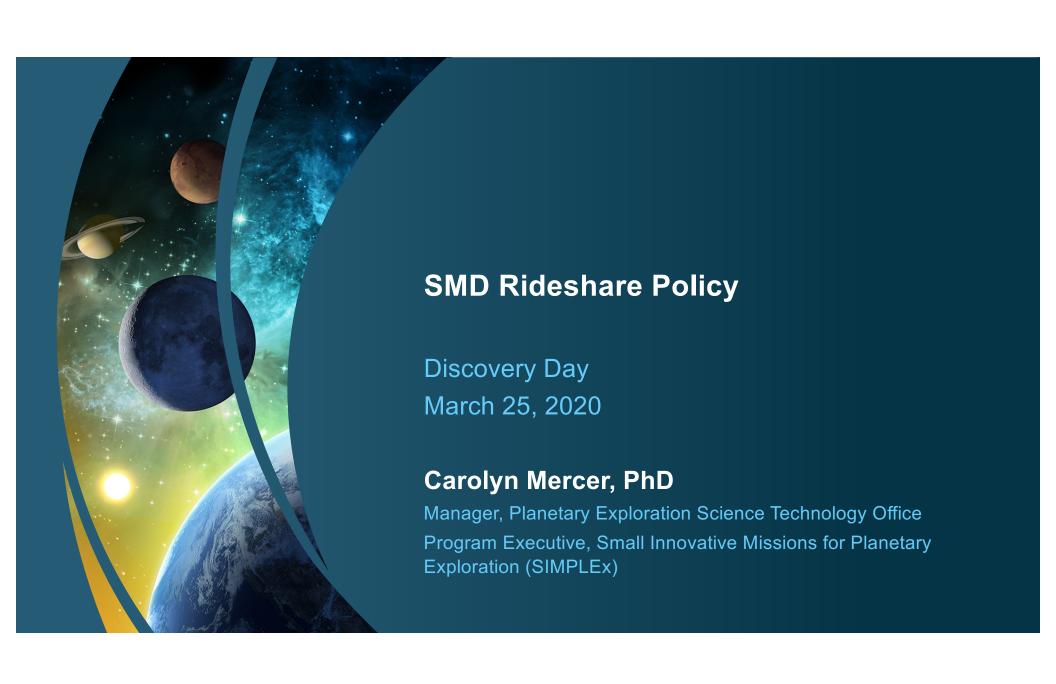


Planetary Science Technology Development Programs >170 active tasks

Science Instruments		Instruments and Vehicle Technology	Space Vehicle Technology
MatISSE	TRL 3-6	NASA Provided Lunar Payloads – To TRL 6 by 2020	HOTTech – High temperature systems
DALI	TRL 3-6 (Lunar)	Lunar Surface Instrument and Technology Payloads – To TRL 6 by 2021	
PICASSO	TRL 1-3		
ICEE-2	To TRL 6 by 2022	COLDTech – Surface and sub-surface measurements	SESAME – Ice penetration systems

PIs for Matisse, DALI, Picasso, and Hottech, and Coldtech were informed of the Discovery TDO opportunity.

Information about these tasks can be found at the PESTO website:



SMD Secondary Payloads Rideshare Policy Document SPD-32 October 4, 2019

II. POLICY

- a) It is SMD policy to enable rideshare or launch accommodation opportunities using an ESPA ring as part of the launch service procured for an SMD primary payload.
- b) SMD will determine the potential for excess capacity, as identified by Launch Services Program (LSP), after selection of the primary payload (once launch requirements are known). If excess capacity is identified, SMD will utilize the identified excess capacity on SMD primary payload missions using an ESPA ring, for the launch of SMD-sponsored secondary payloads, either competed or directed, that meet science, technology, and exploration goals.
- c) SMD may solicit science, technology, and exploration investigations as secondary payloads from the private sector, including commercial and non-profit entities and educational institutions through broad agency announcements.
- d) SMD may offer any excess capacity not utilized for SMD investigations to other NASA Mission Directorates (MD), other U.S. Government Agencies, or NASA's International partners in accordance with international agreements for international collaborative efforts relating to science, technology, and exploration goals.

