

1. Record Nr.	UNINA9911006829303321
Autore	Pool Robert
Titolo	Using Commercial Lunar Payload Services (CLPS) to achieve lunar biological and physical science objectives : proceedings of a workshop // Robert Pool, rapporteur ; Committee on Biological and Physical Sciences in Space, Space Studies Board, Division on Engineering and Physical Sciences
Pubbl/distr/stampa	Washington, D.C. : , : National Academies Press, , [2021] ©2021
ISBN	9780309272100 0309272106 9781523108862 152310886X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (65 pages)
Collana	Report series : Committee on Biological and Physical Sciences in Space
Soggetti	Space flight to the moon Aeronautics, Commercial - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	TITLE PAGE -- COPYRIGHT PAGE -- TABLE OF CONTENTS -- 1 INTRODUCTION -- 2 PREPARING FOR BIOLOGICAL AND PHYSICAL SCIENCES ON THE MOON -- 3 THE COMMERCIAL LUNAR PAYLOAD SERVICES PROGRAM -- 4 LIFE SCIENCES RESEARCH ON THE LUNAR SURFACE -- 5 PHYSICAL SCIENCES RESEARCH ON THE LUNAR SURFACE -- 6 SUMMARY -- APPENDIXES -- A Workshop Goal and Committee Statement of Task -- B Acronyms -- C Committee and Staff Biographical Information
Sommario/riassunto	This workshop proceedings report, published by the National Academies of Sciences, Engineering, and Medicine, discusses the use of Commercial Lunar Payload Services (CLPS) to achieve scientific objectives on the Moon. The report covers NASA's plans to return to the lunar surface for scientific experiments and habitat establishment, with a focus on the collaboration between NASA and commercial entities for lunar transport services. Aimed at scientists and policymakers, the

report provides insights into the integration of commercial vehicles in space exploration and the implications for future Mars missions.
