

1. Record Nr.	UNINA9910337832003321
Autore	Iacomino Clelia
Titolo	Commercial space exploration : potential contributions of private actors to space exploration programmes / / Clelia Iacomino
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2019] 2019
ISBN	3-030-15751-2
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (xv, 95 pages) : illustrations (chiefly color), maps, charts
Collana	SpringerBriefs from the European Space Policy Institute, , 2523-8582
Disciplina	919.904
Soggetti	Space industrialization Outer space Outer space Exploration
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1. Introduction -- 2. Global space exploration landscape : strategies and programmes -- 3. The evolving role of private actors in space exploration -- 4. Commercial contributions and public-private partnerships -- 5. Towards more ambitious commercial contributions to space exploration.
Sommario/riassunto	This book offers a comprehensive overview of current space exploration in terms of geopolitical and commercial aspects. Despite multiple attempts to foster commercial activities in the field of space exploration, for decades the domain largely continued to be funded and led by governments in the form of national and international programmes. However, the situation changed with the retirement of the Space Shuttle and the introduction of NASA's Commercial Orbital Transportation Services (COTS) programme, which employed an innovative procurement scheme based on competitive, performance-based, fixed-price milestones. The success of this programme marked an important milestone in the evolution of the relationship between government and industry. The growing opportunities for private actors to make more prominent contributions to space exploration also lie in the "New Space" ecosystem, a sectoral transformation characterised by a substantial increase in private investment and the emergence of

commercial efforts to develop disruptive concepts and address new markets. .
