Record Nr. UNINA9910437765103321 Spagnulo Marcello Autore Titolo Space Program Management [[electronic resource]]: Methods and Tools / / by Marcello Spagnulo, Rick Fleeter, Mauro Balduccini, Federico New York, NY:,: Springer New York:,: Imprint: Springer,, 2013 Pubbl/distr/stampa **ISBN** 1-4614-3755-5 Edizione [1st ed. 2013.] Descrizione fisica 1 online resource (368 p.) Collana Space Technology Library;; 28 Disciplina 629,4068 Soggetti Management Industrial management Aerospace engineering Astronautics Space sciences Power (Mechanics) Innovation/Technology Management Aerospace Technology and Astronautics Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Energy, general Outer space Exploration Management Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references & index. Nota di bibliografia Nota di contenuto Chapter 1: Space Activities - A Peculiar Economical, Political, and Industrial Sector -- Chapter 2: Space Programs Management --Chapter 3: Marketing of Space Programs -- Chapter 4: Methods and Tools of Space Programs Management -- Chapter 5: Risk Management of Space Programs -- Chapter 6: Cost Management in Space Programs -- Chapter 7: Financial Management of Space Programs -- Chapter 8: Management of Small, Low Cost Space Programs - A New Paradigm --

Chapter 9: Examples of Management Applied to Different Space Programs -- Acronyms -- Bibliography -- Websites -- Index.

Sommario/riassunto

Beginning with the basic elements that differentiate space programs

from other management challenges, Space Program Management explains through theory and example of real programs from around the world, the philosophical and technical tools needed to successfully manage large, technically complex space programs both in the government and commercial environment. Chapters address both systems and configuration management, the management of risk, estimation, measurement and control of both funding and the program schedule, and the structure of the aerospace industry worldwide.