

1. Record Nr.	UNINA9910409991703321
Autore	Caprara Giovanni
Titolo	A History of the Italian Space Adventure : Pioneers and Achievements from the XIVth Century to the Present // by Giovanni Caprara
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-319-73987-5
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (400 pages)
Disciplina	629.40945
Soggetti	Astronomy - Italy Space sciences - Italy Aerospace engineering - Italy Astronautics - Italy Popular Science in Astronomy Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) History of Science Aerospace Technology and Astronautics Public Policy Italy History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Introduction -- 1 The “rocket” word appear for the first time in Venice -- 2 The XIX Century, the “razzieri” of Sabaudo kingdom and Due Sicilie Kingdom -- 3 Pioneers and visionaries of the XX Century -- 4 The first Italian rockets and two German scientist in Italy -- 5 The African adventure of professor Luigi Broglio -- 6 Italy in Europe and in the world of space telecommunications -- 7 From Sirio satellite for telecommunications to national space program -- 8 The Italian Space Agency, the Italian astronauts, many satellites and Euro-Italian rocket Vega -- Bibliography -- Index of names -- Credits. .
Sommario/riassunto	This well-documented and fascinating book tells how, over the centuries, a series of visionaries, scientists, technologists, and politicians fostered the involvement of Italy in space exploration. The

lives of these pioneers was often far from easy, yet they persevered. The fruits of their efforts can today be witnessed in Italy's success within the cutting-edge space sector. Italy's history in space started at the end of the fourteenth century and continued with the development of fireworks. Later, the nineteenth century marked the beginning of research into rockets in a more scientific way. After World War II, rocket technology was advanced with the aid of German scientists, and in the 1960s Luigi Broglio, the father of Italian space exploration, designed the San Marco satellite. In 1979 the first Italian Space Plan was launched, but it was the foundation of the Italian Space Agency in 1988 that kick-started a program of exploration in various fields of cosmic research. The outcome was construction of the Vega launcher and collaboration in the International Space Station. Now the Italian space industry stands ready to play an important role in the Gateway orbital station. All of this history, and more, is explored in this riveting book.
