

1. Record Nr.	UNINA9910789335903321
Autore	Ulivi Paolo
Titolo	Robotic exploration of the solar system . Part 3 Wows and woes 1997-2003 / / by Paolo Ulivi, David M. Harland
Pubbl/distr/stampa	New York, NY : , : Springer, , [2012] ©2012
ISBN	0-387-09628-0
Descrizione fisica	1 online resource (541 p.)
Collana	Springer-Praxis books in space exploration
Disciplina	629.4354
Soggetti	Espai exterior - Exploració - Informàtica Robots Astronomy Astrophysics Space sciences Astrobiology Aerospace engineering Astronautics Popular Science in Astronomy Astronomy, Astrophysics and Cosmology Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics) Aerospace Technology and Astronautics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	(In Part 1) Introduction -- Chapter 1: The beginning -- Chapter 2: Of landers and orbiters -- Chapter 3: The grandest tour -- (In Part 2) Chapter 4: The decade of Halley -- Chapter 5: The era of flagships -- Chapter 6: Faster, cheaper, better -- (Now in Part 3) Foreword -- Author's Preface -- Acknowledgments -- Chapter 7: The last flagship -- Chapter 8: Faster, cheaper, better continues -- Chapter 9: Mars invaded -- Glossary -- Appendices -- Chapter references -- Further reading -- Previous volumes in this series -- Index.
Sommario/riassunto	In Robotic Exploration of the Solar System, Paolo Ulivi and David

Harland provide a comprehensive account of the design and management of deep-space missions, the spacecraft involved - some flown, others not - their instruments, and their scientific results. This third volume in the series covers launches in the period 1997 to 2003 and features: - a chapter entirely devoted to the Cassini-Huygens mission to Saturn; - coverage of planetary missions of the period, including the Deep Space 1 mission and the Stardust and Hayabusa sample returns from comets and asteroids; - extensive coverage of Mars exploration, the failed 1999 missions, Mars Odyssey, Mars Express, and the twin rovers Spirit and Opportunity. The story will continue in Part 4.
