

1. Record Nr.	UNINA9910148640603321
Autore	Wohlforth Charles
Titolo	Beyond Earth : Our Path to a New Home in the Planets
Pubbl/distr/stampa	Westminster : , : Knopf Doubleday Publishing Group, , 2016 ©2016
ISBN	0-8041-9798-9
Descrizione fisica	1 online resource (287 pages)
Altri autori (Persone)	HendrixAmanda R
Disciplina	629.45/5
Soggetti	Space flight Titan (Satellite) Colonization
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Title Page -- Copyright -- Contents -- Dedication -- Introduction: The Way Off the Earth -- Chapter 1: How to Predict the Future -- Chapter 2: The Inner Solar System and the Problem with NASA -- Chapter 3: A Home in the Outer Solar System -- Chapter 4: Building a Rocket Quickly -- Chapter 5: The Health Barrier to Deep Space -- Chapter 6: Robots in Space -- Chapter 7: Solutions for Long Journeys -- Chapter 8: The Psychology of Space Travel -- Chapter 9: Who Gets to Go? -- Chapter 10: Why Move into Space? -- Chapter 11: Settling a Frontier -- Chapter 12: The Step After Next -- Acknowledgments -- About the Authors -- Illustrations.
Sommario/riassunto	From a leading planetary scientist and an award-winning science writer, a propulsive account of the developments and initiatives that have transformed the dream of space colonization into something that may well be achievable. We are at the cusp of a golden age in space science, as increasingly more entrepreneurs--Elon Musk, Richard Branson, Jeff Bezos--are seduced by the commercial potential of human access to space. But Beyond Earth does not offer another wide- eyed technology fantasy: instead, it is grounded not only in the human capacity for invention and the appeal of adventure but also in the bureaucratic, political, and scientific realities that present obstacles to space travel--realities that have hampered NASA's efforts ever since the Challenger disaster. In Beyond Earth, Charles Wohlforth and

Amanda R.Hendrix offer groundbreaking research and argue persuasively that not Mars, but Titan--a moon of Saturn with a nitrogen atmosphere, a weather cycle, and an inexhaustible supply of cheap energy, where we will even be able to fly like birds in the minimal gravitational field--offers the most realistic and thrill-ing prospect of life without support from Earth. (With 8 pages of color illustrations)

---