

1. Record Nr.	UNINA9910790057203321
Autore	Lang Kenneth R.
Titolo	The Cambridge guide to the solar system / / Kenneth R. Lang [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2011
ISBN	1-107-21514-5 1-139-06341-3 1-283-11254-X 9786613112545 1-139-07573-X 0-511-66746-9 1-139-08256-6 1-139-07799-6 1-139-08028-8 1-139-06998-5
Edizione	[Second edition.]
Descrizione fisica	1 online resource (xxv, 475 pages) : digital, PDF file(s)
Disciplina	523.2
Soggetti	Solar system
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from publisher's bibliographic system (viewed on 24 Feb 2016).
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Changing views and fundamental concepts : Evolving perspectives: a historical prologue ; The new, close-up view from space ; Atmospheres, magnetospheres, and the solar wind -- The inner solar system: rocky worlds : Restless Earth: third rock from the Sun ; The Earth's Moon: stepping stone to the planets ; Mercury: a dense battered world ; Venus: the veiled planet ; Mars: the red planet -- The giant planets, their satellites and their rings: worlds of liquid, ice and gas : Jupiter: a giant primitive planet ; Saturn: lord of the rings ; Uranus and Neptune -- Remnants of creation: small worlds in the solar system : Asteroids and meteorites ; Colliding worlds ; Comets ; Beyond Neptune -- Origin of the solar system and extrasolar planets : Brave new worlds.
Sommario/riassunto	Richly illustrated with full-color images, this book is a comprehensive, up-to-date description of the planets, their moons, and recent

exoplanet discoveries. This second edition of a now classic reference is brought up to date with fascinating new discoveries from 12 recent Solar System missions. Examples include water on the Moon, volcanism on Mercury's previously unseen half, vast buried glaciers on Mars, geysers on Saturn's moon Enceladus, lakes of hydrocarbons on Titan, encounter with asteroid Itokawa, and sample return from comet Wild 2. The book is further enhanced by hundreds of striking new images of the planets and moons. Written at an introductory level appropriate for undergraduate and high-school students, it provides fresh insights that appeal to anyone with an interest in planetary science. A website hosted by the author contains all the images in the book with an overview of their importance. A link to this can be found at www.cambridge.org/solarsystem.
