

1. Record Nr.	UNINA9910300403503321
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Titolo	Breakthrough! : 100 Astronomical Images That Changed the World // by Robert Gendler, R. Jay GaBany
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	1-78684-330-7 3-319-20973-6
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (181 p.)
Disciplina	522.63
Soggetti	Physics Astronomy Observations, Astronomical Astronomy—Observations Photography History and Philosophical Foundations of Physics Popular Science in Astronomy Astronomy, Observations and Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Early Days: Glass Plates -- Emulsion: Black and White -- Emulsion: Color -- Emulsion: Tricolor -- CCD: Early -- CCD: Modern -- Multi-wavelength -- Space Probes and Manned Space Missions.
Sommario/riassunto	This unique volume by two renowned astrophotographers unveils the science and history behind 100 of the most significant astronomical images of all time. The authors have carefully selected their list of images from across time and technology to bring to the reader the most relevant photographic images spanning all eras of modern astronomical history. Based on scientific evidence today we have a basic notion of how Earth and the universe came to be. The road to this knowledge was paved with 175 years of astronomical images acquired by the coupling of two revolutionary technologies – the camera and telescope. With ingenuity and determination humankind would quickly embrace these technologies to tell the story of the cosmos and unravel

its mysteries. This book presents in pictures and words a photographic chronology of our aspiration to understand the universe. From the first fledgling attempts to photograph the Moon, planets, and stars to the marvels of orbiting observatories that record the cosmos at energies beyond the range of human vision, astronomers have always relied on images to "break through" to the next level of understanding. A subset of these breakthrough images has profound significance in documenting some of the greatest milestones in modern astronomy.
