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Nota di contenuto	Mount Wilson Observatory: An Incredible Discovery That Kept Albert Einstein up at Night -- Parkes Observatory: When One Star Is More Brilliant Than A Galaxy -- Big Ear: Wow! The Possible Signal from an Alien Civilization! -- European Southern Observatory: The Reigning King of Optical Telescopes -- Arecibo Observatory: Forty Years on the Throne of Radio Telescope -- Mauna Kea Observatories: Space-Time Magic Was Invented! -- RATAN-600: Sky Lord of the Ring -- Very Large Array: I Can Gain Vigor with Age! -- LAMOST: Is Sky the Limit? -- ALMA Observatory: A Cosmic Eyewitness of Birth and Demise -- China's "Eye of Heaven" (FAST): The New King Taking Its Place atop Radio Telescope -- LHAASO: Participating in the Resolution of a Century-Old Mystery about the Source of Cosmic Rays -- SKA: The Next Storm in the Field of

Astronomy -- Viking: Explore that Red Planet -- MER: Small Body, Big Achievement -- Voyager: A Journey of the Solar System -- Cassini-Huygens: Enter Saturn's Rings and Ice -- Stardust: Capture Dusts from Comets -- SOHO: Coexist with Fidgety Stars -- Hipparcos: Measure the Milky Way Precisely -- Spitzer: Reveal the Frozen Cosmos -- Chandra: Explore the Roaring Universe -- Hubble: Build an Unprecedented Perspective on the Cosmos -- WMAP: Depict the Universe in Its Infancy -- DAMPE: DARK Matter Particle Explorer -- Webb: The Most Expensive Space Telescope in History -- CHASE (Chinese H Solar Explorer): China's First Solar Exploration Satellite.

Sommario/riassunto

This book highlights stories of the most important 13 ground-based observatories and 14 space probes in human history, leading readers through each significant step of human's astronomical observation journey. From the earliest Hooker Telescope and the Mount Wilson Observatory, to the latest FAST, JWST and DAMPE, the targets of observation range from large systems such as the solar system, the milky way, and the universe, to individual planets such as Jupiter, Saturn, Mars, and the remote stars, and to the matters that reveal the origin of the universe, such as dark matter and cosmic background radiation. The book presents the mysteries of the sky in an easily readable manner suitable for audiences of all ages who are curious about the universe and thirsty to know all the important discoveries in the past century, especially the last decade. With carefully-selected contents, the book weaves together a series of tales to make the convoluted history of astronomical observation full of fun and excitement, ensuring that readers never lose interest during reading. .
