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Titolo	A companion to the history of science // edited by Bernard Lightman
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Descrizione fisica	1 online resource (620 p.)
Collana	Wiley Blackwell Companions to World History THEi Wiley ebooks
Disciplina	507.2/2
Soggetti	Science - Historiography
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 at the end of each chapters and index.
Nota di contenuto	Historiography of the history of science / Lynn Nyhart -- Learned man and woman in antiquity and the Middle Ages / Nathan Sidoli -- Go-betweeners, travelers, and cultural translators / Kapil Raj -- The alchemist / Tara Nummedal -- The natural philosopher / Peter Dear -- The natural historian / Kristin Johnson -- Invisible technicians, instrument makers, and artisans / Iwan Rhys Morus -- Scientific illustrators / Valerie Chansigaud -- The human experimental subject / Anita Guerrini -- Amateurs / Katherine Pandora -- The man of science / Paul White -- The professional scientist / Cyrus C. M. Mody -- The medieval university / Steven J. Livesey -- The observatory / Robert W. Smith -- The court / Bruce T. Moran -- Academies and societies / Denise Phillips -- Museums and botanical gardens / Lukas Rieppel -- Domestic space / Donald L. Opitz -- Commercial science / Paul Lucier -- The field / Robert Kohler and Jeremy Vetter -- The laboratory / Catherine M. Jackson -- Modern school and university / Heike Jens -- Manuscripts / Joyce van Leeuwen -- The printing press / Nick Wilding -- Correspondence networks / Brian Ogilvie -- Translations / Marwa

Elshakry and Carla Nappi -- Journals and periodicals / Aileen Fyfe -- Textbooks / Josep Simon -- Lectures / Diarmid A. Finnegan -- Film, radio, and television / David A. Kirby -- Timing devices / Rory McEvoy -- Weights and measures / Hector Vera -- Calculating devices and computers / Matthew L. Jones -- Specimens and collections / Mary E. Sunderland -- Recording devices / Jimena Canales -- Microscopes / Boris Jardine -- Telescopes / Jim Bennett -- Prisms, spectroscopes, spectrographs, and gratings / Klaus Hentschel -- Diagrams / Charlotte Bigg -- Three dimensional models / Joshua Nall and Liba Taub.

Sommario/riassunto

"Over the last thirty-five years, the study of the history of science has undergone a shift in historiographical approach. While scholars previously focused on the history of abstract scientific discoveries by key figures like Galileo and Newton, contemporary science historians are turning to focus on richer, more descriptive studies within specific and local contexts. A Companion to the History of Science captures this move away from abstract theories and into more intimate analysis of science in its cultural, political, and social contexts. It aims to survey recent developments that have resulted from the effort to re-envision the field. The volume includes forty original essays written by experts in the field, structured around four analytical categories: the roles, places and spaces, communication, and tools of science. Contributors cut across traditional chronological and geographical boundaries to provide thematic analysis of these topics, including discussion of both Western and non-Western themes throughout the volume. These critical essays synthesize the major debates and issues that dominate current scholarly discussion, and point the way for future inquiry"--
Provided by publisher.
