Record Nr. UNINA9910300401003321 Autore Carter Jamie Titolo A Stargazing Program for Beginners : A Pocket Field Guide / / by Jamie Carter Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2015 **ISBN** 3-319-22072-1 Edizione [1st ed. 2015.] Descrizione fisica 1 online resource (425 p.) Astronomer's Pocket Field Guide, , 2198-0756 Collana 530 Disciplina Soggetti Observations, Astronomical Astronomy—Observations Astronomy Astronomy, Observations and Techniques Popular Science in Astronomy Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references at the end of each chapters. Nota di bibliografia Nota di contenuto Preface -- Part I: The Wide-Eved View -- January: Where Am I?-February: Soaked in Stars -- March: The Plane Truth -- Part II: A Closer Look -- April: The Galaxy Revealed -- May: Binocular Tours and the ISS -- June: The Night Shift -- July: Deep South -- August: Moonrise, Meteors and the Milky Way -- Part III: Deep Sky -- September: Third Layer -- October: Andromeda Galaxy -- November: Return of the Kings -- December: One Orbit Complete -- Part IV: Dark Sky Destinations --Upside-Down Stargazing -- Eclipses and Aurora -- Finding Dark Skies -- Appendix: Stargazing Resources. By investing just an hour a week and \$50 in binoculars, it's possible to Sommario/riassunto learn a few simple techniques and quickly gain a real insight into the night sky's ever-changing patterns – and what they tell us about Earth. the seasons and ourselves. Searching more for a learned appreciation of nature and our exact place within the cosmos than academic scientific knowledge, science and travel writer Jamie Carter takes the reader on a 12 month tour of the night sky's incredible annual rhythms that say so much about Earth. During the journey he learns about the

celestial mechanics at work in the skies above that are - to the

beginner – almost beyond belief. As well as the vital constellations and clusters, and the weird and wonderful nebulas, he searches out "dark sky destinations" across the globe that help increase knowledge and give a new perspective on familiar night sky sights. On the journey he witnesses a solar eclipse and grapples with star-charts, binoculars, smartphone apps, telescopes, spots satellites and attempts basic astrophotography. By year's end, the reader will be able to glance at the night sky from anywhere on the planet and tell what direction he or she is facing, what time it is, where all the planets are and even where the Galactic Center Point is.