Record Nr. UNINA9910459268903321 Autore Mackie Glen H. <1961-> Titolo Multiwavelength atlas of galaxies / / Glen H. Mackie [[electronic resource]] Pubbl/distr/stampa Cambridge: ,: Cambridge University Press, , 2011 **ISBN** 1-316-08752-2 1-282-94376-6 9786612943768 0-511-77830-9 0-511-93190-5 0-511-93056-9 0-511-92805-X 0-511-93326-6 0-511-92552-2 Descrizione fisica 1 online resource (xi, 256 pages) : digital, PDF file(s) Disciplina 523.1/12 Soggetti Galaxies Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 05 Oct 2015). Note generali Nota di contenuto Machine generated contents note: 1. Galaxies; 2. Observing the electromagnetic spectrum; 3. A view from the inside: the Galaxy; 4. The atlas; Appendices; References; Index. Since the radio signature of our own Milky Way was detected in 1931, Sommario/riassunto galaxies have been observed from ultra-high energy gamma rays to long wavelength radio waves, providing fundamental insights into their formation, evolution and structural components. Unveiling the secrets of some of the best-observed galaxies, this atlas contains over 250 full-color images spanning the whole electromagnetic spectrum. The accompanying text explains why we see the component stars, gas and dust through different radiation processes, and describes the telescopes and instruments used. This atlas is a valuable reference resource on galaxies for students seeking an overview of

multiwavelength observations and what they tell us, and researchers

needing detailed summaries of individual galaxies. An accompanying website, hosted by the author, contains slide shows of the galaxies covered in the book. This is available at www.cambridge. org/9780521620628.