

1. Record Nr.	UNINA9910257395603321
Titolo	The Local Bubble and Beyond : Lyman-Spitzer-Colloquium // edited by Dieter Breitschwerdt, Michael J. Freyberg, Joachim Trümper
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1998
ISBN	3-540-69726-8
Edizione	[1st ed. 1998.]
Descrizione fisica	1 online resource (XXVIII, 603 p. 242 illus. in color.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 506
Disciplina	523.1/125
Soggetti	Astronomy Astronomy—Observations Astrophysics Gravitation Astronomy, Observations and Techniques Astrophysics and Astroparticles Classical and Quantum Gravitation, Relativity Theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Introduction -- UV and Soft X-Ray Observations of the LISM -- Observations and Modeling of the Local Bubble and the SXRb -- Clouds and Particles in the Local ISM Radio Observations -- Magnetic Fields, Molecular Clouds, Bubbles -- Hot Gas, SXRb Fluctuations, Dust, Gamma-rays -- Superbubbles, Galactic Halo -- High-Velocity Clouds, Galactic Fountains, LMC -- External Galaxies -- Conference Summary -- Workshop -- Appendix.
Sommario/riassunto	This book gives a comprehensive overview of the current observational and theoretical status in the field of the local and general interstellar medium. It contains contributions presented at the IAU Colloquium No. 166. Review articles and highlight talks will serve both as an introduction to the field for the undergraduate or the non-specialist and also give a summary of the most recent developments for the expert and researcher. These articles are supplemented by a representative number of original research papers. All contributions are fully refereed and have been edited with extensive care to provide a

high-standard reference book. The scientific content spans a wide range from solar system measurements of dust grains to X-ray emission from distant galaxies.
