

1. Record Nr.	UNINA9910781329403321
Titolo	New worlds, new horizons in astronomy and astrophysics [[electronic resource] /] / Science Frontiers Panels, Committee for a Decadal Survey of Astronomy and Astrophysics, Board on Physics and Astronomy, Space Studies Board, Division on Engineering and Physical Sciences
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2010
ISBN	0-309-21585-4 1-283-13495-0 9786613134950 0-309-15963-6
Descrizione fisica	1 online resource (577 p.)
Collana	Panel reports
Disciplina	520
Soggetti	Astronomy - Research - Forecasting Astrophysics - Research - Forecasting Research - International cooperation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Members of the Astro 2010 Infrastructure Study Groups""; ""Acknowledgment of Reviewers""; ""Contents""; ""Part I: Reports of the Astro 2010 Science Frontiers Panels""; ""1 Report of the Panel on Cosmology and Fundamental Physics""; ""2 Report of the Panel on the Galactic Neighborhood""; ""3 Report of the Panel on Galaxies Across Cosmic Time""; ""4 Report of the Panel on Planetary Systems and Star Formation""; ""5 Report of the Panel on Stars and Stellar Evolution""; ""Summary Findings"" ""Part II: Reports of the Astro 2010 Program Prioritization Panels""""6 Report of the Panel on Electromagnetic Observations from Space""; ""7 Report of the Panel on Optical and Infrared Astronomy from the Ground""; ""8 Report of the Panel on Particle Astrophysics and Gravitation""; ""9 Report of the Panel on Radio, Millimeter, and Submillimeter Astronomy from the Ground""; ""Appendices""; ""Appendix A: Statements of Task for the Astro2010 Panels"";

Sommario/riassunto

"Panel Reports--New Worlds, New Horizons in Astronomy and Astrophysics is a collection of reports, each of which addresses a key sub-area of the field, prepared by specialists in that subarea, and each of which played an important role in setting overall priorities for the field ... The Committee for a Decadal Survey of Astronomy and Astrophysics synthesized these reports in the preparation of its prioritized recommendations for the field as a whole. These reports provide additional depth and detail in each of their respective areas. Taken together, they form an essential companion volume to *New Worlds, New Horizons: A Decadal Survey of Astronomy and Astrophysics*."--National Academies Press website.