

1. Record Nr.	UNINA9910438124903321
Titolo	Thirty Years of Astronomical Discovery with UKIRT [[electronic resource]] : The Scientific Achievement of the United Kingdom InfraRed Telescope // edited by Andy Adamson, John Davies, Ian Robson, E. Ian Robson
Pubbl/distr/stampa	Dordrecht : , : Springer Netherlands : , : Imprint : Springer, , 2013
ISBN	94-007-7432-X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (336 p.)
Collana	Astrophysics and Space Science Proceedings, , 1570-6591 ; ; 37
Disciplina	520
Soggetti	Observations, Astronomical Astronomy—Observations Astrophysics Cosmology Astronomy, Observations and Techniques Astrophysics and Astroparticles
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.
Nota di contenuto	The UKIRT Success Story -- UKIRT - the Project and the Early Years -- The IRCAM Revolution -- Continuum Submillimetre Astronomy from UKIRT -- CGS4: A Breakthrough Instrument -- The UKIRT Upgrades Programme -- Operational Innovations -- The UKIRT Wide Field Camera -- Polarimetry at UKIRT -- UKIRT in the mid-Infrared -- Thirty Years of Star Formation at UKIRT -- Comets and Asteroids from UKIRT -- Spectroscopic Tomography of a Wind-collision Region -- Highlights of Infrared Spectroscopy of the Interstellar Medium at UKIRT -- UKIRT and the Brown Dwarfs: from Speculation to Classification -- White Dwarfs in UKIDSS -- Discovery of Variables in WFCAM and VISTA data -- Near Infrared Extinction at the Galactic Centre -- Observations of PAHs and nanodiamonds with UKIRT -- Nearby galaxies with UKIRT: uncovering star formation, structure and stellar masses -- WFCAM Surveys of Local Group Galaxies -- HiZELS: the High Redshift Emission Line Survey with UKIRT -- The HiZELS/UKIRT Large Survey for Bright Lya Emitters at $z \sim 9$ -- Observations of Gamma-Ray Bursts at UKIRT --

The UKIRT Infrared Deep Sky Survey (UKIDSS) : Origins and Highlights -- A Billion Stars: the Near-IR View of the Galaxy with the UKIDSS Galactic Plane Survey -- The UKIDSS Galactic Clusters Survey -- The UKIDSS Deep eXtralactic Survey -- UKIDSS UDS progress and science highlights -- Exploring Massive Galaxy Evolution with the UKIDSS Ultra-deep Survey -- The UKIRT Planet Finder.

Sommario/riassunto

These are the proceedings of an international meeting hosted by the Royal Observatory, Edinburgh, to commemorate the 30th anniversary of the dedication of the UKIRT, the United Kingdom InfraRed Telescope. The volume comprises 31 professional level papers. The first part of the book has 10 thorough reviews of the conception, design and build of the telescope, as well as accounts of some its key instruments such as IRCAM (the common-user infrared camera), CGS4 (the fourth Cooled Grating Spectrometer) and the Wide Field Camera. The second part of the book comprises 14 reviews of scientific achievements during its twenty years of visitor mode operations. The final part of the book is a series of 7 reviews of the results from the multiple surveys being done as part of UKIDSS (UKIRT Infrared Deep Sky Survey). The authors are all experts in their respective fields, for example instrument scientists, operations staff and leading astronomers.

2. Record Nr.	UNINA9910704238603321
Autore	Young Elizabeth L.
Titolo	Pacific Basin communications study // prepared by the Public Service Satellite Consortium ; for the National Aeronautics & Space Administration and the National Telecommunications & Information Administration, U.S. Department of Commerce ; ELizabeth L. Young, principal investigator ; Jane N. Hurd, project coordinator
Pubbl/distr/stampa	Washington, D.C. : , : Public Service Satellite Consortium, , October, 1981
Descrizione fisica	1 online resource (2 volumes) : illustrations, maps
Collana	NASA-CR ; ; 173173, 173174
Soggetti	Developing nations Islands Pacific Ocean Telecommunication User requirements Data acquisition Technology utilization Artificial satellites in telecommunication Oceania
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Oct. 27, 2015). "October, 1981."
Nota di bibliografia	Includes bibliographical references.