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Titolo	The Life Story of an Infrared Telescope // by John K. Davies
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ISBN	3-319-23579-6
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (267 p.)
Collana	Springer Praxis Books
Disciplina	530
Soggetti	Observations, Astronomical Astronomy—Observations Physics Astronomy Astronomy, Observations and Techniques History and Philosophical Foundations of Physics Popular Science in Astronomy
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 and index.
Nota di contenuto	Conception -- Design and Planning -- The Project Advances -- To Hawaii -- Making It Work.- Early Operations 1980-1981 -- Consolidation 1982-1985 -- IRCAM:The beginning of the Array Revolution -- Cooled grating Spectrographs -- Changes at the Top -- Upgrading the telescope for the 21st century -- Restructuring (1995) -- ORAC It pipes, therefore it is. 1996-2000 -- Michelle (95-2004) -- Departures 2000-2002 -- Flexible Scheduling and the OMP 2001-2003 -- UIST 2000-2009 -- The new era of Wide-field Astronomy at UKIRT -- Into A Third decade.- UKIRT under threat -- Battle for Survival -- The Axe Falls -- Epilogue.
Sommario/riassunto	Written by one of the astronomers who 'lived the dream' of working there this book is a retrospectively expanded diary featuring the 'birth and long life' of what was a truly innovative telescope. Based on input received from people involved in its planning, building, operation, and many scientists who observed with it, the author tells this success story of The United Kingdom Infrared Telescope (UKIRT). Conceived in the mid 1970's as a cheap and cheerful light-bucket for the newly

emerging field of infrared astronomy it has re-invented itself once a decade to remain at the forefront of infrared astronomy for more than 30 years. Even in 2012 / 2013, when ironically it faced almost certain closure, it remained one of the most scientifically productive telescopes in the world. Everybody, including amateur and professional astronomers, interested in real astronomy projects will enjoy reading that story and meet (again) the persons who lived it.
