

1. Record Nr.	UNINA9910452385103321
Autore	Wickramasinghe Chandra
Titolo	A journey with Fred Hoyle [[electronic resource] /] / Chandra Wickramasinghe ; edited by Kamala Wickramasinghe
Pubbl/distr/stampa	Singapore, : World Scientific Pub. Co., 2013
ISBN	1-299-46317-7 981-4436-13-5
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (272 p.)
Altri autori (Persone)	WickramasingheKamala
Disciplina	520.92 520/.92 530.092
Soggetti	Astronomers Life - Origin Cosmic dust Electronic books.
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 indexes.
Nota di contenuto	Foreword; Foreword to First Edition; Preface to Second Edition; Contents; Prologue; Chapter 1 Origins: Prelude to the Journey; Chapter 2 Cambridge and a First Meeting; Chapter 3 A Hike in the Lake District; Chapter 4 Betwixt the Stars; Chapter 5 The Route to Carbon Dust; Chapter 6 A Theory Takes Shape; Chapter 7 The Institute of Astronomy: The Vintage Years; Chapter 8 Winds of Change; Chapter 9 The Cardiff Era; Chapter 10 The Search for Cosmic Life; Chapter 11 Life from Comets and Pathogens from Space; Chapter 12 First Signs of Life; Chapter 13 Bacterial Dust Predictions Verified Chapter 14 Life on the PlanetsChapter 15 Evolution from Space; Chapter 16 Theories of Trial; Chapter 17 A Fossil Controversy; Chapter 18 Comet Halley and its Legacy; Chapter 19 Alternative Cosmologies; Chapter 20 The Last Decade; Epilogue; Search for the Origin of Life; Cost of Heterodoxy; Astronomical Predictions: Comets and Meteorites; Astronomical Spectroscopy; Big Bang Cosmology; Planets; Evolutionary Predictions; Explicit Predictions from 1982; Viral Sequences in Genomes; Bibliography to First Edition; Bibliography to Second Edition;

## Index

### Sommario/riassunto

This is the story of the author's unique scientific journey with one of the most remarkable men of 20th century science. The journey begins in Sri Lanka, the author's native country, with his childhood acquaintance with Fred Hoyle's writings. The action then moves to Cambridge, where the famous Hoyle-Wickramasinghe collaborations begin. A research programme which was started in 1962 on the carbonaceous nature of interstellar dust leads, over the next two decades, to developments that are continued in both Cambridge and Cardiff. These developments prompt Hoyle and the author to postulate the or