

# Contents

List of illustrations	page vii
List of contributors	xiii
Foreword	xvii
STEPHEN HAWKING	
Preface	xxi
Timeline of the Lucasian professorship	xxv
Introduction: 'Mind almost divine'	1
KEVIN C. KNOX AND RICHARD NOAKES	
1 Isaac Barrow and the foundation of the Lucasian professorship	45
MORDECHAI FEINGOLD	
2 'Very accomplished mathematician, philosopher, chemist': Newton as Lucasian professor	69
ROB ILIFFE	
3 Making Newton easy: William Whiston in Cambridge and London	135
STEPHEN D. SNOBELEN AND LARRY STEWART	
4 Sensible Newtonians: Nicholas Saunderson and John Colson	171
JOHN GASCOIGNE	
5 The negative side of nothing: Edward Waring, Isaac Milner and Newtonian values	205
KEVIN C. KNOX	

6	Paper and brass: the Lucasian professorship 1820–39	241
	SIMON SCHAFFER	
7	Arbiters of Victorian science: George Gabriel Stokes and Joshua King	295
	DAVID B. WILSON	
8	'That universal æthereal plenum': Joseph Larmor's natural history of physics	343
	ANDREW WARWICK	
9	Paul Dirac: the purest soul in an atomic age	387
	HELGE KRAGH	
10	Is the end in sight for the Lucasian chair? Stephen Hawking as Millennium Professor	425
	HÉLÈNE MIALET	
	Appendix The statutes of the Lucasian professorship: a translation	461
	IAN STEWART	
	Index	475