

## **Biographical Sketch**

### **Roger David Blandford**

Luke Blossom Professor in the School of Humanities and Sciences  
Professor at the Stanford Linear Accelerator Center.

### **Professional Preparation**

B.A. (Theoretical Physics), Cambridge, 1970  
M.A. (Astronomy), Cambridge, 1973  
Ph.D. (Applied Mathematics), Cambridge, 1973

### **Previous Appointments**

2003 - 2013 Pehong and Adele Chen Director Kavli Institute for Particle Astrophysics and Cosmology  
1992 - 1995 Executive Officer for Astronomy, Caltech  
1989 - 2004 Richard Chace Tolman Professor Theoretical Astrophysics, Caltech  
1979 - 1989 Professor, Caltech  
1976 - 1979 Assistant Professor, Caltech  
1973 - 1976 Research Fellow, St. John's College, Cambridge  
1972 - 1973 Charles Kingsley Bye Fellow, Magdalene College, Cambridge

### **Societies**

Fellow Royal Astronomical Society (1974)  
Fellow of Royal Society (1989) Fellow of American Academy of Arts and Sciences (1993)  
Member National Academy of Sciences (2005)  
Fellow of American Physical Society (2010)

### **Synergistic Activities**

Chair Astronomy and Astrophysics Decadal Survey (2010)  
Chair: NSF Astronomy Senior Review Committee (2007)  
Chair: American Astronomical Society, High Energy Astrophysics Division (2004-5)  
Annual Reviews Astronomy and Astrophysics Editor (2002-4), Managing Editor (2005-10)  
Instigator and co-organiser of First NSF-ITP Workshop for High School Physics Teachers (2001)  
Instigator of and original lecturer for Caltech Core Curriculum course for freshman not intending to study astronomy: "The Evolving Universe" (2000)  
Co-author (with K. Thorne) of graduate text: "Modern Classical Physics (2015, in press)

## **Selected Recent Publications**

Collett, T., et al. 2013 MNRAS 418 3183  
Greene, Z. et al. 2013 ApJ 768  
Hezaveh, Y., Marshall, P. & Blandford, R. 2014 ApJ submitted.  
Morganson, E. et al 2010 MNRAS 406 2452  
Oguri, M. et al. 2013 MNRAS 429 482  
Ota, N. et al 2102A&A 547 A77  
Suyu, S. 2010, ApJ 711 201  
Suyu, S. et al. 2014 ApJ 788 L35  
Thorne, K. & Blandford, R. 2015 Modern Classical Physics Princeton University Press  
von der Linden, A. et al. 2014 MNRAS 439 2

## **Recent Collaborators**

E. Agol, S. Allen, A. Broderick, M. Begelman, P. Coppi, C. Fassnacht, L. Koopmans, M. Lyutikov, M. Malkan, D. Rappetti, Y. Rathore, S. Suyu. T. Treu, M. Bietenholz, R. Buehler, P. Eggleton, S. Funk

## **Recent Graduate Students**

P. Simeon, M. Amin, C. Zheng, E. Morganson, J. Dai, Y. Yuan, R. Anantua.

## **Recent Postdoctoral Scholars**

P. Marshall, M. Oguri, L. Stawarz, W.

## **PhD Adviser**

M. Rees