

## **CURRICULUM VITAE FOR PROF. MICHAEL ROWAN-ROBINSON**

Born 9/7/42. Married, 3 children.

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### **Education**

Pembroke College, Cambridge, 1960-4. Maths Tripos 1963 (Wrangler). Part III Maths 1964. Pembroke College Foundation Scholarship 1963.

Research Student with Prof. Sir William McCrea FRS at Royal Holloway College, London (1964-6) and Astronomy Centre, University of Sussex (1966-7). Ph.D. London 1969.

### **Appointments, awards and fellowships**

Assistant Lecturer in Mathematics, Queen Mary College, 1967-9, Lecturer 1969-78, Reader in Astronomy 1978-87, Professor of Astrophysics 1987. Professor of Astrophysics at Imperial College 1993-present. Head of Astrophysics, Imperial College, 1993-2007. President, Royal Astronomical Society, 2006-8.

NASA Public Service Award for involvement in IRAS Joint Infrared Science Working Group, 1986. ESA Certificate of Recognition for contribution to Infrared Space Observatory, 1999. ISI Highly Cited Researcher in Space Science, 2003. Daiwa Adrian Prize for Anglo-Japanese collaboration 2004. Institute of Physics Hoyle Medal 2007, for pioneering research in infrared and submillimetre astronomy, and observational cosmology. Honorary Degree University of Sussex 2008.

Young Astronomers Award of International Astronomical Union 1967. Royal Society and Academia dei Lincei Visiting Research Fellowship at University of Bologna 1969, 1971, 1976. SRC Visiting Research Fellow at Institute of astronomy, Cambridge, 1969-1980. University of Virginia Cosmology lectures 1974. Visiting Research Fellow at University of California, Berkeley, 1978-9. Visiting researcher, Institut d'Astrophysique, Paris, 2002. Visiting lecturer, Dipartimento di Astronomia, Padova, 2003. Visiting Faculty Member, California Institute of Technology, 2003. Visiting Professor, University of Sussex, 2007-present.

### **Involvement in Space Missions**

Member of IRAS Science Team 1977-84. Led team evaluating quality of IRAS Point Source Catalog. Co-investigator on ESA's Infrared Space Observatory ISO-PHOT instrument 1995-8. Principal Investigator for ELAIS (European Large Area ISO Survey), largest ISO Open Time project 1995-2003. Coordinator of EC TMR Network 'ISO Survey', with 19 European institutes, 1996-2000. Co-proposer of ESA's Far Infrared Space Telescope (FIRST, renamed HERSCHEL) cornerstone mission, launched May 2009. Co-investigator on SPIRE bolometer array instrument for HERSCHEL. Co-proposer of SAMBA microwave background mission, subsequently merged with COBRAS and selected by ESA as the PLANCK-Surveyor mission, launched May 2009. Co-investigator on HFI high-frequency instrument on PLANCK. Deputy PI of SWIRE Survey on NASA's SPITZER telescope, launched 2003. Coordinator of EC TMR Network 'POE', involving 13 European institutes, 2000-2005. PI of UK-Netherlands consortium involved in Japanese AKARI mission, launched 2006.

### **Committees and Panels**

Member of Executive Committee of I.A.U. Commission 47 on Cosmology 1976-9. Council of Royal Astronomical Society 1978-82. Astronomy II Committee of SERC's Astronomy Space and Radio Board 1980-86. Theory Panel of ASR Board 1983-86. European Space Agency's Astronomy Working Group, 1985-8. British National Space Centre's Space Science Programme Board, 1988-91. Chair of Isaac Newton Group Time Allocation Group, 1988-91. Vice-Chair of Anglo-Australian Telescope Board, 1992-3, Chair 1993-5. Chair of PPARC Research Assessment Panel for Astronomy from Oct 1994-97. Time Allocation Committee for Hubble Space Telescope 1995, 2000. PPARC Ground-Based Facilities Committee 1997-8. Leverhulme Prize Fellowship Panel 2001-9. Chair UK Ground-Based Facilities Review 2009. Chair European Southern Observatory Observation Planning Committee 2011.

**Public Understanding of Science activities:**

Gresham Professor of Astronomy, 1979-82. Author of six books, including 'Cosmic Landscape', 'Our Universe', 'Ripples in the Cosmos', 'Nine Numbers of the Cosmos', which have been translated into several foreign languages, and of numerous popular articles and book reviews. Many radio broadcasts and television programmes, including Horizon, Equinox, Antenna, Sky at Night, In Our Time. Involvement in science and arts events, including 'Science and Arts Don't Mix ?' (Science Museum 1994, Chair: Melvyn Bragg), 'Worlds Apart - Science and Poetry' (Science Museum 1995, Chair: A.S.Byatt). Demetriad Festival, Thessaloniki 2008, 2009.

Author of over 390 research papers, two textbooks 'Cosmology' (OUP 1975, 1983, 1996, 2004), 'The Cosmological Distance Ladder' (Freeman 1985).