

## Curriculum Vitae

- Personal:* Michael A.C. Perryman  
Nationality: British  
Date of birth: 21 September 1954
- Education:* King Edward VII School, King's Lynn  
BA: Mathematics & Theoretical Physics, Cambridge, 1976 (MA 1979)  
PhD (astrophysics): Cavendish Laboratory, Cambridge, 1980
- Employment:* 1980–2009: European Space Agency, The Netherlands  
Senior Research Scientist  
1981–1997: Hipparcos mission project scientist  
1989–1993: Hipparcos satellite project manager (operational phase)  
1995–2007: Gaia mission project scientist  
2001–2009: Senior Advisor
- Affiliations:* 1993–2009: Professor, Department of Astronomy, Leiden University (NL)  
2010 Jan–Dec: Distinguished Visitor, Max Planck Institute/University, Heidelberg  
2011–2012: Visiting Professor, University of Bristol (UK)  
2013: Bohdan Paczyński Visiting Professor, Princeton University (USA)  
2013–present: Adjunct Professor, University College, Dublin (IRL)  
2014: Källén Seminar for Breakthrough Discoveries, University of Lund (S)  
2016: Senior Visiting Fellow, Kiepenheuer Institute for Solar Physics, Freiburg (D)  
2017 (March–April): visiting scientist, Instituto Astrofísica Andalucía (IAA), Granada
- Professional:* International Astronomical Union (elected 1985)  
European Astronomical Society (since 1995)  
Academia Europaea, Earth and Cosmic Sciences Section (elected 1998)  
International Academy of Astronautics, Physical Sciences (elected 2005)
- Research interests:* astrometry, Galactic structure, optical detectors, space science, exoplanets
- Named Lectures:* 1998: George Darwin Lecture, Royal Astronomical Society (UK)  
2001: John C. Lindsay Memorial Lecture, Goddard Space Flight Center (US)  
2002: Rochester Lecture, University of Durham (UK)  
2004: Jeremiah Horrocks Memorial Lecture, University of Preston (UK)
- Awards:* 1996: Prix Jules Janssen (Gold Medal), Société Astronomique de France  
1997: Prix Adion (Association de Développement Internationale de l'Observatoire de Nice)  
1999: Academy Medal, Royal Netherlands Academy of Arts & Sciences  
2000: Invited Discourse, International Astronomical Union  
2007: Naming of Minor Planet 10969  
2010: Honorary Doctorate (Doctoris Honoris Causa), Lund University, Sweden  
2011: Tycho Brahe Prize, European Astronomical Society  
2019: Prize for instrument development (Gaia; with Lindegren, Høg), German Astron. Soc.  
2022: Shaw Prize for Astronomy (with Lennart Lindegren)

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## Curriculum Vitae (cont.)

- Publications:** More than 100 refereed publications (and some 200 non-refereed)  
Numerous editorial works and conference proceedings; two patents
- Lectures:** More than 200 scientific colloquia, public and popular lectures  
University lecture courses: Leiden University, University College Dublin  
Scientific project management: Max Planck Society, Princeton University, UCD Dublin
- Principal Works:** (first/sole author)  
1993: Optical photon counting using STJs; *Nuclear Instruments & Methods* A325, 319–325  
(the first method of measuring an optical photon energy directly)  
1997: Hipparcos & Tycho Catalogues; ESA SP-1200 (extensive collaboration)  
1997: The Hipparcos Catalogue; *Astronomy & Astrophysics*, 323, L49–L52  
(in 2009, cited as one of the 40 most influential papers by A&A in the last 40 years)  
1998: Hyades: distance, structure, dynamics, and age; *Astronomy & Astrophysics*, 331, 81–120  
2000: Extra-solar planets (review); *Reports on Progress in Physics*, 63, 1209–1272  
2001: High-speed energy-resolved photometry of the eclipsing binary UZ For; *MNRAS*, 324, 899  
2001: Gaia: composition, formation and evolution of the Galaxy; *A&A*, 369, 339  
2006: Absolute timing of the Crab Pulsar; *Astronomy & Astrophysics* 456, 283  
2008: A parameter database for large scientific projects; *Experimental Astronomy*, 22, 143  
2011: The barycentric motion of exoplanet host stars; *Astronomy & Astrophysics*, 525A, 65  
2012: The history of astrometry; *European Physical Journal H*, 37(5), 745  
2014: The Gaia inertial reference frame and the tilting of the Milky Way disk; *ApJ* 789, 166  
2015: Astrometric exoplanet detection with Gaia; *ApJ* 797, 14
- Books:** (single author)  
*Astronomical Applications of Astrometry* (text book), Cambridge University Press, 2009  
*The Making of History's Greatest Star Map* (popular account of Hipparcos), Springer, 2010  
*The Exoplanet Handbook* (text book), Cambridge University Press, 2011 (PROSE award, 2012)  
*The Exoplanet Handbook* (text book), Cambridge University Press, Second Edition, 2019
- Committees:**  
1981–1997: Chair, Hipparcos Science Team (ESA)  
1997–2008: Chair, Gaia Science Team (ESA)  
1998–2003: Chair, Instrument Steering Committee for Dutch astronomy (NOVA)  
2000–2004: Council Member, European Astronomical Society  
2002–2009: Advisory Board, Lorentz Centre, Leiden  
2007: Deputy Chair, Visiting Committee, European Southern Observatory  
2005–2010: Editorial Board, *Astronomy & Astrophysics Reviews*  
2007–2011: Haute Comité Scientifique de l'Observatoire de Paris  
2008–present: Council, Zentrum für Astronomie der Universität Heidelberg  
2011–2015: Advisor, JASMINE space mission, Japan  
2013–2014: Praesidium Council, Max Planck Society, Germany  
2014: Advisory board, PRIMA project (ESO)  
2014: Expert secretary, Space Exploration Advisory Committee (European Academies)  
2015: Visiting Committees, Leibniz Institute, Potsdam & Freiburg  
2014–2016: Chair, Gravitational Observatory Advisory Team (ESA L3 mission)  
2016–2022: European Space Sciences Committee (European Science Foundation)  
2019–present: Scientific Advisory Committee, CAHA (Calar-Alto Observatory, Spain)
- Exoplanet activities:**  
2004–2005: Chair, ESA–ESO Working Group on Extra-Solar Planets  
2007: European consultant to US NASA/NSF task force on exoplanets  
2007: European Astronet Science Vision panel member on exoplanets  
2007: consultant, UK Minister of Science strategy forum  
2007: panel member, UK–STFC exoplanet strategic board  
2007–2010: member, ESO SPHERE planet finder instrument science team  
2011: advisory board, US National Science Foundation  
2014–2015: personal advisor, Klaus Tschira Foundation  
2014–2015: advisor to the Max Planck Society President, CARMENES project  
2022: lecturer, Sagan Summer Workshop (Caltech)