**Curriculum Vitae Colin Arthur Norman**

# Education

1970 – 1973: D.Phil. (Oxon), Theoretical Physics, (Advisor: Professor D. ter Haar) 1966 – 1969: B.E. (Hon), Melbourne University

1953 – 1965: Scotch College, Melbourne

# Academic Positions

1984 – Present: Professor of Physics and Astronomy, Johns Hopkins University 1984 – Present: Astronomer, Space Telescope Science institute

2003 – 2008: Honorary Professorial Fellow, University of Melbourne 2003: Senior Visiting Astronomer, ESO

1977 – 1983: Assistant Professor, University of Leiden

1975 – 1977: Miller Fellow, University of California, Berkeley

1974 – 1975: Royal Society Exchange Fellow, Moscow (with V.L. Ginzburg and

V.N. Tsytovich)

1973 – 1977: Prize Fellowship (by examination), Magdalen College, Oxford 1970 – 1973: Rhodes Scholar, Oxford

# Administrative Positions

2007- Present Founding Co-Director, Johns Hopkins University Institute for Planets and Life (with J. DiRuggiero)

2001- Founding Committee for Sesto Astrophysics Center

1991 – 1995: Director, Hubble Fellow Program

1987 – 1989: Foundational Co-Director, TIPAC (Theoretical Interdisciplinary Physics and Astrophysics Center), Johns Hopkins University

1986 – 1992: Head, Academic Affairs Division, Space Telescope Science Institute

# Principal Areas of Research

Molecular Clouds, Star Formation and the Structure of the Interstellar Medium Plasma Astrophysics

High Energy Astrophysics

The Formation, Structure and Evolution of Galaxies Cosmology and the Intergalactic Medium

Origins: Center for Planets and Life

Large Space Missions:

* Hubble Space Telescope, Repair and many HST GO awards
* Chandra X-ray Telescope, Chandra Deep Field South (with R. Giacconi)
* WFIRST (Wide Field Infrared Survey Telescope) coronagraph design (with L. Pueyo)
* AXIS (Wide Field X-ray Telescope)-proposal, in preparation.

# Honors

# 2018: DSc (Honoris Causa) University of Melbourne

2017: Honorary Professor, Sokendai, National Astronomical Optical Observatory (NAOJ) Tokyo

2017: E.L Wright Lecture and Medal, Melbourne, 2017 2017: Sackler Fellow, Cambridge

2006: Blaauw Professor and Blaauw Lecture: Groningen University

2005: Minnaert Professor and Minnaert Lecture: Utrecht University 2002: Perelberg Prize. Scotch College. Melbourne

2002: Astor Lecturer. University of Oxford

1996: Inaugural Sackler Lecturer and Fellowship. University of Cambridge

1995: Plenary Lecturer. Japanese Astronomical Society.

1991: Henry Wood Lecturer. Astronomical Society of Australia

1990-1998. Visiting Professor, University of Sydney, Center for Plasma Astrophysics

# Other Visiting (Professorial and Fellowship) Appointments (Dates are approximate):

University of Amsterdam Astronomy 2015

Argelander Institute Bonn 2016

Institute d’Astrophysique Paris 1980-84

Bologna INAF 2014-8

Caltech Astronomy 1994

Cambridge University Institute of Astronomy 1980-84, 1993, 2003, 2016, 2017

ESO Munich 1983-4, 2002, 2015

Florence, Arcetri Observatory 2002

Kagoshima University 2018

Kapteyn Institute Groningen 2008

Leiden Sterrewacht 2015

Melbourne University Physics 2002-7, 2013-8

NAOJ, Tokyo University and Tokyo Science University 1988, 1990, 1992, 2005, 2015, 2017

Oxford Astrophysics 2002, 2017

Radboud University Astronomy 2015, 2016, 2017

Sydney University Astrophysics 1990-96, 2016-7

Utrecht University Astronomy 2006

University of West Australia ICRAR 2016

ETH, Zurich 2003