

## **Biographical sketch of Professor Peter G. Martin, OC, FRSC, FRCGS, PhD**

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### **Research Interests**

Interstellar Medium, Polarization, Gas and Dust, Structure Formation, Star Formation

### **Professional Preparation**

1972 Ph.D., Astrophysics, Department of Applied Mathematics and Theoretical Physics, University of Cambridge  
1969 M.Sc., Astrophysics, Department of Astronomy and Astrophysics, University of Toronto  
1968 B.Sc., Mathematics and Physics, University of Toronto

### **Professional Appointments**

Professor, Canadian Institute for Theoretical Astrophysics (CITA)

### **History at the University of Toronto**

Appointed Assistant Professor, 1972; tenure awarded, Associate Professor, 1976; Professor, 1980; first faculty member of CITA, and Acting Director 1984–5; Chair, Astronomy and Astrophysics, 1999–2010; Director, David Dunlap Observatory, 1999–2008; Interim/Acting Director, Dunlap Institute for Astronomy and Astrophysics, 2008–10, 2012–14; Acting Vice-Dean Research and Graduate Education, Faculty of Arts and Science, 2011.

### **Visiting Appointments**

École normale supérieure Paris, 2018; University of Paris XI, 2017, 2007 and 2002; Caltech, 2001–2 and 1992–3; UCSC, 1986–7; University of Arizona and University of Cambridge, 1978–9.

### **Relevant Experience**

*JWST*: Science team for NIRCam GTO, Interstellar Medium and star formation

*Planck*: Editorial Board; Co-coordinator of Working Group 7 on Galactic and Solar System Science (128 member team); HFI Core Team: Interstellar Dust, Submillimeter Polarization, and Magnetic Fields.

*Herschel*: SPIRE Collaboration on the Herschel Space Observatory: Key Projects on Star Formation and on Evolution of Dust; Science Steering Committee of the Herschel Galactic Plane Survey (Hi-GAL).

*BLAST05*, *BLAST06*, *BLASTPol*: Star Formation, Interstellar Medium, Supernova Remnants, Magnetic Fields.

*GHIGLS*: PI of precision surveys of H I at high Galactic latitude with the Green Bank Telescope

*DHIGLS*: PI of high resolution H I surveys in the DRAO Planck Deep Fields

### **Honors and Awards**

2020 Fellow, Royal Canadian Geographical Society

2019 Giuseppe and Vanna Cocconi Prize, Planck Collaboration, European Physical Society

2018 Gruber Cosmology Prize, Planck Team, Gruber Foundation

2017 Publications Research Award for Research in Art, *Mystical Landscapes* co-authors (book for the exhibition jointly presented at the Art Gallery of Ontario and the Musée d'Orsay, Paris), Canadian Museums Association

2018 Group Achievement Award, Planck Team, Royal Astronomical Society

2016 Officer of the Order of Canada

2014 Executive Award for Outstanding Service, Canadian Astronomical Society

2014 Group Achievement Award, Herschel-SPIRE Consortium, Royal Astronomical Society

2013 Queen Elizabeth II Diamond Jubilee Medal, through the Royal Society of Canada

2007 Fellow, Royal Society of Canada

2006–08 President, Canadian Astronomical Society

1994 C.S. Beals Award (outstanding achievement in research), Canadian Astronomical Society

1969–72 Commonwealth Scholar (University of Cambridge)

1968 Gold Medal of the Royal Astronomical Society of Canada

### **Refereed Publications**

Author/co-author of over 400 refereed publications; 72,000 citations, h-index 110 (NASA ADS).