

# Peter Dunsby

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## Summary

*Peter Dunsby is currently full professor of gravitation and cosmology at the University of Cape Town (UCT). He has published extensively in theoretical cosmology, teaches undergraduate and postgraduate courses in Applied Mathematics and Theoretical Physics and works closely with his graduate students and postdocs. He is regularly invited to lecture at local and international meetings and has a proven track record in fund raising and in the management of large research grants. In 2003 he secured a bid to host the National Astrophysics and Space Science Programme (NASSP) at the University of Cape Town and served as director of this programme until July 2013. Over the past eighteen years NASSP has made a major contribution to human resource development in Astronomy and the Space Science in Southern Africa. In 2006 he was awarded the British Association (silver) medal from South African Association for the Advancement of Science and in 2016, the National Science and Technology Forum (NSTF) award for Human Capacity Development. In 2017 he was elected to the College of Fellows of the University of Cape Town*

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## Scientific Career

- Professor of Cosmology 2007-
- Professor and Head of the Department of Mathematics and Applied Mathematics 2017-2019
- Professor in the Department of Mathematics and Applied Mathematics 2007-2016.
- Co-Director of the Astrophysics, Cosmology and Gravity Centre 2007-2015.
- Programme Director of the National Astrophysics and Space Science Programme 2003-2013.
- Associate Professor in Applied Mathematics, University of Cape Town 2003-2006.
- Senior Lecturer in Applied Mathematics, University of Cape Town 2001-2002.
- Lecturer in Applied Mathematics, University of Cape Town 1998-2000.
- Temporary Lecturer in Applied Mathematics, University of Cape Town 1997.
- Postdoctoral Fellow at Dalhousie University, Halifax, Canada 1996.
- Postdoctoral Fellow at the University of Cape Town 1993-1995.

## Honours and Awards

- Awarded S2A3 British Association Medal (Silver) in 2006.
- Awarded the National Science and Technology Forum (NSTF) award for Human Capacity Development in 2016.
- Honorary Research Fellow at the *South African Astronomical Observatory*.
- Honorary Academic Member in the Department of Astronomy, University of Cape Town.
- President of the South African Gravity Society (2014).
- B1 rating from the National Research Foundation (SA).
- Fellow of the University of Cape Town (2017-)

## Publications

- Author of more than 100 papers in leading international journals, h index of 42 (28 in past 5 years). More than 5000 citations.

## **Editorial Work**

- Editor, International Journal of Modern Physics D.
- Editor, Galaxies.
- Editor, Frontiers in Astronomy and Space Sciences.
- Editor, Letters in High Energy Physics.

## **Postgraduate and postdoctoral supervision**

- Supervised 15 MSc (9 with distinction) and 15 PhD students since 2000.

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*Please refer to [Google Scholar](#) for more details, detailed publication list and citations.*