

# Mark Trodden

Fay R. and Eugene L. Langberg Professor of Physics  
co-Director, Center for Particle Cosmology  
University of Pennsylvania  
Philadelphia, PA 19104  
trodden@physics.upenn.edu

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## Education

- Ph.D. in Physics, August 1995, Brown University.
- M.Sc. in Physics, June 1993, Brown University (Matriculated in Physics graduate program August 1992)
- M.A. in Mathematics (honors), June 1993, Cambridge University, England
- Cert. Adv. Stud. In Mathematics (honors), June 1991, Cambridge University, England
- B.A. in Mathematics (honors), June 1990, Cambridge University, England.

## Experience

- July 2014 – present: Chair, Department of Physics and Astronomy, University of Pennsylvania.
- 2009 – present: Fay R. and Eugene L. Langberg Professor of Physics.
- January 2009 – present: Professor of Physics and Astronomy, Co-Director: Center for Particle Cosmology, University of Pennsylvania
- October 2007 – January 2009: Alumni Professor of Physics, Syracuse University.
- July 2007 – January 2009: Professor, Physics Department, Syracuse University.
- August 2005 – June 2007: Alumni Associate Professor of Physics, Syracuse University.
- July 2004 – June 2007: Associate Professor, Physics Department, Syracuse University.
- July 2000 – July 2004: Assistant Professor, Physics Department, Syracuse University.
- July 1999 - July 2000: Visiting Assistant Professor, Physics Department, Case Western Reserve University.
- September 1997 - July 1999: Senior Research Associate, Physics Department, Case Western Reserve University.
- September 1995 – September 1997: Research Associate, Center for Theoretical Physics, Massachusetts Institute of Technology.

## Awards

- Elected to Fellowship of the Institute of Physics (UK), 2012.
- Fay R. and Eugene L. Langberg endowed Chair – appointed in July 2009.
- Alumni Professorship, Syracuse University – appointed in October 2007.
- Alumni Associate Professorship, Syracuse University – appointed in August 2005.
- Sir Thomas Lyle Fellowship, University of Melbourne, Australia: August 2005 – November 2007.
- Science and Technology Outreach Award from the Technology Alliance of Central New York, 2006.

## **Editorial Boards and Service Positions**

- Member of the Fermi Research Alliance Visiting Committee (2013- )
- Journal of Cosmology and Astroparticle Physics (2010 - )
- Physics Letters B (11/2009 - )
- New Journal of Physics (2006 - 2014)
- Springer series – Multiversal Journeys (2007 - )
- The Gravitational Lens (2006-2008)

## **Refereeing**

- Physical Review Letters
- Physical review D
- Physics Letters B
- Journal of High Energy Physics (JHEP)
- Journal of Cosmology and Astroparticle Physics (JCAP)
- Classical and Quantum Gravity
- International Journal of Modern Physics
- Nature

## **Grant Reviewing**

- The National Science Foundation (NSF)
- The Department of Energy (DOE)
- The National Academy of Sciences
- Canadian National Research Council
- City University of New York
- Department of Energy Review Panels 2011, 2012.
- Department of Energy Review Team - Fermi National Accelerator Laboratory, 2005.
- Review panel - National Science Foundation – 2003-2011.
- Review Panel – NASA – 2009.

## **Fellowships**

- Elected Fellow of the Institute of Physics (2012)
- American Physical Society
- Sigma Xi

## **Presentations**

- I have routinely delivered ten or more invited seminars, colloquia and conference presentations per year for the last eight years.