

Curriculum Vitae – Dr. Daniel Paul Stark

STFC Postdoctoral Research Fellow
Institute of Astronomy
University of Cambridge
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Education

Ph.D., Astrophysics, California Institute of Technology June 2008
Advisor: Prof. Richard S. Ellis
Thesis project: *Observing Galaxy Formation During the First Two Billion Years*
B.S., Astronomy and Physics, University of Wisconsin May 2003
Advisors: Prof. Ed Churchwell, Dr. Barbara Whitney
Thesis project: *Near-infrared Synthetic Images of Protostellar Disks and Envelopes*

Research Interests

The Reionization Era and the First Galaxies
Detailed Spectroscopy and Stellar Populations of High-Redshift Galaxies
Gravitational Lensing as a Probe of Star Formation in the Early Universe
Star Formation and Feedback in Low Mass Galaxies

Research and Teaching Positions

Schlumberger Research Fellow, Darwin College, University of Cambridge 2009–present
STFC Postdoctoral Research Fellow, Institute of Astronomy, University of Cambridge 2008–present
Graduate Research Assistant, Caltech 2003–2008
Teaching Assistant, The Evolving Universe (undergraduate level course), Caltech 2005
Teaching Assistant, The Interstellar Medium (graduate level course), Caltech 2005
Teaching Assistant, Basic Astronomy and the Galaxy (undergraduate level course), Caltech 2004
Undergraduate Summer Research Assistant, NRAO, Socorro, NM 2001
Advisor: Dr. Debra S. Shepherd
Undergraduate Research Assistant, Univ. of Wisconsin 1999–2003
Advisor: Prof. Ed Churchwell and Dr. Barbara Whitney

Professional Services

Governing Body Member, Darwin College, University of Cambridge
Referee for Gemini UK Time Allocation Committee
Referee for WHT Time Allocation Committee
Referee for the ApJ, Nature, MNRAS, and A&A
Co-Organizer of Institute of Astronomy Cambridge Seminars
Examiner of 2nd and 3rd Year Ph.D Students, Institute of Astronomy, Cambridge

Outreach

Invited lecture at Fred Hoyle Day, St Johns College, 2011
Invited lecture at European Astrofest 2009
Invited lecture at Institute of Astronomy Public Nights 2009
Invited Public Talk at Darwin College Science Seminars 2011
Interviews and Podcasts with Popular Press (Astronomy Magazine, Astronomy Now, Nature)

Invited and Contributed Colloquia and Talks

Invited Review at First Light and Faintest Dwarfs, KITP Santa Barbara	Feb 2012
Invited Review at New Horizons for High Redshifts, Cambridge	July 2011
Invited talk at First Galaxies meeting, Ringberg	June 2011
Invited talk at Cosmo First Objects, Marseille	May 2011
Invited Review at RAS National Astronomy Meeting, Wales	April 2011
Invited Joint Astronomy Colloquium at MPE, MPA, and ESO	March 2011
Invited Colloquium at University of California, Berkeley	February 2011
Invited GALFORM seminar at University of California, Berkeley	February 2011
Invited Colloquium at Laboratory of Astrophysics of Marseille (LAM)	February 2011
Invited Astrophysics Colloquium at University of Geneva	September 2010
COSPAR 2010, "The High Redshift Universe"	July 2010
Oort Workshop, University of Leiden	June 2010
Invited Astrophysics Colloquium at MSSL	May 2010
Invited Astrophysics Colloquium at University of Durham	March 2010
Invited Review at IAU Joint Discussion 12: The First Galaxies, Rio De Janeiro	August 2009
IAP Annual Meeting: The Ly α Universe, Paris	July 2009
Invited Astrophysics Colloquium at University of Nottingham	May 2009
Invited Astrophysics Colloquium at University of Oxford	May 2009
Invited Astrophysics Colloquium at Imperial College, London	November 2008
Invited Review at Oz Lens 2008 Conference, Sydney, Australia	September 2008
Invited talk at Panoramic Views of Galaxy Formation and Evolution, Hayama, Japan	December 2007
NOAO Flash Talk, Tucson, Az	November 2007
Invited Seminar at UC Santa Barbara Astrophysics Department, Keck Science Meeting, Pasadena, CA	November 2007 September 2007
'A Century of Cosmology', Venice, Italy	August 2007
Institute of Astronomy Seminar, University of Cambridge	June 2007
Invited review at American Astronomical Society meeting, 'Lyman- α Galaxies' Session	May 2007
Invited review at First Stars Workshop, Niels Bohr Institute, Copenhagen, Denmark	April 2007
Invited Astrophysics Colloquium at University of Birmingham, Birmingham, UK	November 2006
Invited Astrophysics Colloquium at the Jet Propulsion Laboratory	November 2006
Invited Seminar at the Harvard University Institute for Theory and Computation Keck Science Meeting, Pasadena, CA	September 2006 September 2005
'Open Questions In Cosmology: the First Billion Years', Garching, Germany	August 2005
'First Light and Reionization', Irvine, CA	May 2005

Citation Analysis

The following is based on data from NASA/ADS retrieved on 21/04/2011

- Refereed papers: 38, Citation count: 1293
- H-index: 21
- Refereed papers with ≥ 80 citations: 4 (12 with ≥ 40 citations)
- Refereed first author papers: 9, Citation count: 421
- Refereed first author papers with ≥ 70 citations: 3 (5 with ≥ 35 citations)