

## PERSONAL INFORMATION

ROSS, Nicholas P.

ORCID: 0000-0003-1830-6473

Date of birth: 16th July 1980

Nationality: British

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## EDUCATION

2003 - 2007 Ph.D., Astrophysics, Dept. of Physics, University of Durham, U.K.,  
 “The Clustering and Evolution of Massive Galaxies”, Advisor: Prof. Tom Shanks  
 1999 - 2003 M.Sci., (a 4 year combined Bachelors and Masters), Physics & Astronomy,  
 Dept. of Physics, University of Durham, U.K. First Class Honours,

## CURRENT POSITIONS

2014 - present STFC Ernest Rutherford Fellow, University of Edinburgh, U.K.

## PREVIOUS POSITIONS

2016 - 2017 Co-Founder and Chief Data Scientist, String Security, Inc., San Francisco, USA  
 2013 - 2014 Research Assistant Professor, Dept. of Physics, Drexel University, Philadelphia, U.S.A.  
 2009 - 2013 Project Scientist, Physics Division, Lawrence Berkeley National Lab, Berkeley, U.S.A.  
 2007 - 2009 Postdoctoral Scholar, Dept. of Astronomy and Astrophysics,  
 Pennsylvania State University, State College, U.S.A.

## FELLOWSHIPS AND AWARDS

2014 – 2019 Science & Technology Facilities Council Ernest Rutherford Fellowship

## PUBLICATION RECORD

Author on 118 published papers	Total number of citations:	14,942	(126.6 citations/paper)
First author on 6 published papers	Total number of citations:	640	(106.7 citations/paper)

*h*-index of 59.

## GRANTS/FUNDING OBTAINED

STFC Ernest Rutherford Fellowship (PI.)	€679,569
NASA <i>Spitzer Space Telescope</i> Cycle 9, 820 hours (Lead Co-I)	€359,745
NASA <i>Hubble Space Telescope</i> Cycle 20, 18 orbits (P.I.)	€87,330
NASA <i>Swift</i> XRT and UVOT ToO observations, Cycle 5, 17.8ks (P.I.)	€27,820
<i>Chandra</i> Cycle 12 Co-I Archival proposal “The Dark Matter-AGN-Weak Lensing connection” (co-I)	€41,912

## SUPERVISION

2015- David Homan, University of Edinburgh PhD student  
 2015 Thomas Kemp, University of Edinburgh MSc student  
 2013 - John Timlin, Drexel University Graduate Student, Philadelphia, USA  
 (On Ph.D. Dissertation Committee)  
 2013 - 2014 Victoria Tielebein, Drexel University Senior Thesis (Final Year UG) Student,  
 Philadelphia PA, USA  
 2009 - 2012 Jessica Kirkpatrick, UC Berkeley Graduate Student, Berkeley CA, USA  
 2009 - 2010 Rachel Kennedy, UC Berkeley Honors Student, Berkeley CA, USA  
 2008 - 2009 Michael Peth, Pennsylvania State University Honors Student, State College PA, USA

## APPOINTMENTS AS EXTERNAL EXAMINER

2016 Ben Chehade, PhD, “*The luminosity and redshift dependence of quasar clustering*”,  
 University of Durham

2016 Behzad Ansarinejad, M.Res, “*An Empirical Analysis of Baryon Acoustic Oscillations in Galaxy and Quasar Clustering*”, University of Durham

### TEACHING ACTIVITIES

2015, 2016 Examples Class Supervisor, *Introduction to Astrophysics*, University of Edinburgh  
 2009 Lead Instructor, *Astro 010: Introduction to Astronomy*, Penn State University  
 2007 Postgraduate Instructor, *Stars and Galaxies* course, Durham University

### ORGANISATION OF SCIENTIFIC MEETINGS

2017 Co-Chair SOC *Unveiling the Physics Behind Extreme AGN Variability*  
 University of the Virgin Islands, St. Thomas, U.S. Virgin Islands.  
 2016 Chair S/LOC *JWST@ROE* University of Edinburgh, International meeting  
 2015 Chair S/LOC *Quasar Day* University of Edinburgh, National meeting,  
 2014 SOC Member *Multi-wavelength Heritage of Stripe 82 Workshop*, Princeton University  
 2011 SOC Chair *SDSS-III BOSS Quasar Working Group* meeting, Princeton University

### COMMISSIONS OF TRUST

Referee *Physical Review Letters*  
*Monthly Notices of the Royal Astronomical Society*  
*The Astrophysical Journal*  
*The Astronomical Journal*  
*Journal of Cosmology and Astroparticle Physics*  
 Reviewer for the NASA Postdoctoral Fellowship Program  
 Session Chair, “Wide-Field Surveys and QSO Physics” Parallel, UK National Astronomy Meeting, 2015.  
 Founder “Astronomers for America” and “Scots for Science”

### MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Fellow Royal Astronomical Society (since July 2004)  
 Full Member American Astronomical Society, (since Nov 2009)  
 Founder “Astronomers for America”

### PRESS RELEASES

2012 BOSS Lyman- $\alpha$  Forest BAO Detection (incl. image credit)  
 2012 Quasar Broad Absorption Line Disappearance  
 2009 SDSS-III: BOSS First Light

### SELECTED OUTREACH

2015, 2016 ROE Open Day  
 2013, 2014 Public Observing Nights, Drexel University  
 2012 LBNL Open House  
 2008, 2009 Penn State In-Service Workshop in Astronomy  
 2008, 2009 Penn State Astronomy and Astrophysics annual “AstroFest”

### MAIN COLLABORATORS

John Timlin (PhD student, Drexel University)  
 Prof. Gordon Richards (Drexel University )  
 Dr. Chelsea MacLeod (former postdoc in UoE research group; now CfA, Harvard)  
 Prof. Andy Lawrence (UoE)  
 Prof. Fred Hamann (UC Riverside),  
 Prof. Nadia Zakamska (Johns Hopkins),  
 Prof. David Aspinall (School of Informatics, UoE),  
 Dr. Isabelle Pâris (formerly Aix-Marseille Université)

Appendix: All on-going and submitted grants and funding of the PI (Funding ID)  
Mandatory information (does not count towards page limits)

On-going Grants

<i>Project Title</i>	<i>Funding source</i>	<i>Amount (Euros)</i>	<i>Period</i>	<i>Role of the PI</i>	<i>Relation to current ERC proposal</i>
STFC Ernest Rutherford Fellowship (ERF)	STFC, U.K.	679,569	01-OCT-2014 to 30-SEP-2019	To perform world leading research, either independently, or with collaborators of the PIs choice.	Current ERF grant has research linked to, but in no way overlapping with ERC proposal.  Latest results from current research will be the preliminary data for the novel research proposed here.

Grant applications  
n/a