

Alan R. Duffy

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Academic and Employment History

- 01/17 – now **Associate Professor** (Swinburne University)
- 2017 – now **Associate Investigator**, ARC Centre of Excellence for All-sky Astrophysics in 3Dimensions (CAASTRO-3D)
- 2017 – now **Associate Investigator**, ARC Centre of Excellence for Gravitational Wave Discovery (OrGRav)
- 07/16 – 06/17 **(Adjunct) Research Fellow** (ICRAR; UWA)
- 03/15 – now **Chief-Investigator SABRE** (Stawell Underground Physics Lab)
- 03/14 – 01/17 **Research Fellow** (Swinburne University)
- 07/12 – 03/14 **Postdoctoral Research Fellow** (University of Melbourne)
- 07/12 – 03/14 **(Adjunct) Postdoctoral Associate** (ICRAR; UWA)
- 2010 – now **Affiliate Investigator**, ARC Centre of Excellence for All-sky Astrophysics (CAASTRO)
- 09/09 – now **Team Member** (WALLABY / DINGO) on Australian SKA Pathfinder
- 09/09 – 06/12 **Postdoctoral Associate** (University of Western Australia)
- 09/05 – 08/09 **PhD** Astronomy, University of Manchester with Prof Richard Battye. Marie Curie Early Training Scheme (Leiden) with Prof Joop Schaye.
- 10/01 – 06/05 **MPhys (1st)** Physics with Study in Europe, University of Manchester. EU Erasmus Exchange Program to study at University of Amsterdam.

Awards / Computer Grants

- 2016 **ARC LIEF (CI) Full scale detector system for the first Australian dark matter experiment** (\$415k; LE170100162)
- 2016 **Eureka** Promoting Understanding of Australian Science Research (finalist)
- 2016 **Club Melbourne Fellowship** (finalist)
- 2016 Awarded (CI) 500k CPU hours; Pawsey for Zoom in Galaxy Growth project
- 2015 **Australian of the Day, Commbank**
- 2015 **NeCTAR NCRIS (Co-CI) for All Sky Virtual Observatory** (\$100k)
- 2015 **ARC LIEF (CI) Detector system for the First Australian Experiment on Dark Matter** (\$195k; LE160100080)
- 2013 **Fresh Science Award, State Finalist** (excellence in outreach)
- 2013 **ASA Louise Webster Prize** (commendation)
- 2013 Awarded (PI) 200k CPU hours; EPIC, iVEC for High-z DM Growth project
- 2012/13 Awarded (CI) 1M CPU hours; EPIC, iVEC for DRAGONS project
- 2012 **Best Publication by Early Career Researcher** in UWA (\$1,000)

- Q2 2011 Awarded (CI) 4 weeks CPU time (~6Mhrs) at Pawsey HPC, iVEC
- 2011 **Research Development Award** (Lead CI in competitive grant) \$14,610
- Q4 2010 Awarded (CI) 200,000 CPU hours; VAYU, NCI, Australian National Facility
- 11/09- 02/10 Awarded 2 iVEC Internships (out of a total of 8 in WA), worth \$12,000
- 12/09 European Science Foundation; Conference Grant €600; Obergurgl, Austria
- 2008 EU Marie Cure Fund; Conference Grant; Recontres de Moriond (€700)
- 10/07- 06/08 EU AstroSim; In this period won €4,700 in competitive collaboration grants
- 09/06- 06/07 EU Marie Curie Fund; **Early Training Scheme**; Won 10 months funding to work at the University of Leiden (€15,236)
- 2006 EU Marie Cure Fund; Conference Grant; Recontres de Moriond (€1,050)
- 09/03- 06/04 Erasmus Fund; **European Exchange Program**; Won 10 months funding to study at the University of Amsterdam (€2,000)
- 2001 **Major Science Award**, University of Manchester (£250 p.a. for 4 years)
- 2001 **Entrance Scholarship**, University of Manchester (£1000)

Referred Publications

I have 23 publications (9 as first author) in ERA A/A* journals, with a combined citation count of 1329; h-index of 12, g-index of 23 and e-index of 33.5; one paper was awarded “The Best Publication by an Early Career Researcher” in UWA, a second received a commendation in the ASA’s Louise Webster prize for outstanding research, and a third reached the State Finals of the Fresh Science Award.

Academic Experience

I am CI of a multi-million dollar facility investigating the nature of dark matter at Stawell Underground Physics Lab, as well as a team member on two top-ranked surveys with the \$200m Australian SKA Pathfinder telescope. My community trusts my academic opinion as a referee for *Nature*, the *Monthly Notices for the Royal Astronomical Society* and the *Astrophysics Journal* (all top A/A* ERA ranked journals) as well as *Astronomy and Computing*. I have been formally recognised for my astrophysical research as full member of both the peak national (Astronomical Society of Australia) and international (International Astronomical Union) astronomical bodies. In addition, I have served on national bodies for a number of years; twice-elected steering committee member of the Australian National Institute for Theoretical Astrophysics, elected member to the steering committee member for Women in Astrophysics and a member of the national Time Assignment Committee of the Australian Telescope National Facility distributing \$3m of telescope time each semester.

Computing

I have successfully applied for several million CPU hours via competitive time allocation committees on the Pawsey HPC, NCI Vayu and iVEC XE machines. I am an expert C, Fortran, Python and IDL programmer with extensive experience in massively parallel codes (Gadget; SubFind) having published both Dark Matter only and DM+Hydro simulations.

Invited Seminars

I have spoken at 19 institutes throughout Europe, Australia and South Africa; highlights are Cape Town University, The Royal Edinburgh Observatory and University College London.

Conference Talks

I have spoken or chaired at 27 conferences across Europe, South Africa and Australia with career highlights including a TEDx talk, the CSIRO sponsored National supercomputer “eResearch” meeting in Australia (including a keynote lecture at OzViz 2012) and the international conferences “Gas in Galaxies” at Kloster Seeon in Germany and “The Origin of Galaxies” at the ESF funded Research Conference in Austria, as well as the most prestigious conference in my field; the Cambridge Summer Conference “Darkness Visible”.

Teaching Experience

I have co-supervised 2 PhD students at University of Melbourne (one of whom has completed) and several summer internships at UWA. I have lectured at UWA (Cosmology 101) and University of Melbourne (Astronomy 101 to 120 students, highly rated) and an entire Physics 101 stream at Swinburne University (~200 students, highly rated lecture above faculty and university averages) and several 1st year undergraduate maths tutorials at PhD.

Awards/Financial Grants

I have attracted over \$360k in National, European and International competitions and grants. Highlights include \$195k from the ARC to build the first stage in SABRE, the first dark matter detector in the Southern Hemisphere, and \$100k to expand the virtual observatory TAO to use hydrodynamic simulation data. I received a \$14k UWA Research Development Award to create an online pipeline to convert simulation predictions to observational products, an award for the Best Publication by an Early Career Researcher (across all disciplines in UWA), a commendation by the Astronomical Society of Australia in the Louise Webster prize of outstanding research by a scientist in their early postdoctoral career. Additionally, I received both Entrance and Major Science scholarships at the University of Manchester. My student Camila was awarded the John Hodgson postgraduate award 2013. Additionally, I am an Associate Investigator in two ARC Centres of Excellence, CAASTRO 3D and OzGRav, funded at \$30m and \$31.3m respectively.

Media Activities

I have explained a range of scientific concepts in over 100 TV appearances across the ABC, Channel 7's Sunrise and Ten's The Project, as well as international broadcasts such as Sky News and Al Jazeera, in numerous print (The Age, Sydney Morning Herald, Herald Sun etc) and online articles (a million reads on theconversation alone) as well as my own articles in Cosmos Magazine. In addition I have featured several times on the ABC's premier science show Catalyst. I have been very active in radio with over 100 interviews on general science topics for ABC TripleJ, ABC 774, ABC 702 as well as ABC Radio National and most major commercial stations (2UE, 3AW, TripleM) and internationally with BBC Worldservice.

Public Presentations

I have been involved in the top science events across the country. These include discussing ethics and big data at Vivid Festival in Sydney's Powerhouse Museum, speaking at TEDx in the Sydney Opera House (viewed over 30000 times online), touring the country with RiAus /

BBC Worldwide's Science of Doctor Who Live, addressing 4000 people at Neil DeGrasse Tyson's live show, interviewing Dr Brian Greene before an audience of 1000 for ThinkInc in Melbourne, discussing science careers to 4500 primary students at National Young Leaders Day at MCEC, hosting Sydney's AstroFest to 2000 people and FameLab's Victorian Finals. I have created educational material for secondary schools and universities in astronomy and cosmology as well as having spoken to thousands of students in dozens of primary and secondary schools. I am a keen advocate of online content and creative outreach ventures and have created several sell-out shows at the Perth planetarium as well as the WA Museum. I also co-created the CAASTRO sponsored Pint in the Sky, discussing science in the pub, now viewed over 21500 times across 14 episodes. Finally, I have co-written and starred in a planetarium production on dark matter, DARK, that has been shown at 148 planetariums in 25 countries globally.

Refereed Bibliography

1. C.Liu, S.J. Mutch, G.B. Poole, P.W. Angel, [A.R. Duffy](#), P.M. Geil, A. Mesinger, S.J.B. Wyithe (2017) *Dark-ages reionization and galaxy formation simulation VII: The sizes of high-redshift galaxies* MNRAS, 465, 3134-3142 **Cites 1**
2. P.M. Geil, S.J. Mutch, G.B. Poole, P.W. Angel, [A.R. Duffy](#), A. Mesinger, S.J.B. Wyithe (2016) *Dark-ages reionization & galaxy formation simulation V: morphology and statistical signatures of reionization* MNRAS, 462, 804G **Cites 6**
3. L. Chuanwu, S.J. Mutch, P.W. Angel, [A.R. Duffy](#), P.M. Geil, G.B. Poole, A. Mesinger, S.J.B. Wyithe (2016) *Dark-ages reionization & galaxy formation simulation IV: UV luminosity functions of high-redshift galaxies* MNRAS, 462, 235L **Cites 7**
4. S.J. Mutch, C.Liu, G.B. Poole, P.M. Geil, [A.R. Duffy](#), M. Trenti, P.A. Oesch, G.D. Illingworth, A. Mesinger, S.J.B. Wyithe (2016) *Dark-ages reionization and galaxy formation simulation VI: The origins and fates of the highest known redshift galaxy* MNRAS, 463, 3556M **Cites 1**
5. S.J. Mutch, P.M. Geil, G.B. Poole, P.W. Angel, [A.R. Duffy](#), A. Mesinger, S.J.B. Wyithe (2016) *Dark-ages reionization and galaxy formation simulation III: Modeling galaxy formation and the Epoch of Reionization* MNRAS, 462, 250M **Cites 6**
6. P.W. Angel, G.B. Poole, A.D. Ludlow, [A.R. Duffy](#), P.M. Geil, S.J. Mutch, A. Mesinger, S.J.B. Wyithe (2016) *Dark-ages Reionization & Galaxy Formation Simulation II: Spin and concentration parameters for dark matter haloes during the Epoch of Reionization* MNRAS, 459, 3025P **Cites 8**
7. G.B. Poole, P.W. Angel, S.J. Mutch, C. Power, [A.R. Duffy](#), P.M. Geil, A. Mesinger, S.J.B. Wyithe (2016) *Dark-ages Reionization & Galaxy Formation Simulation I: The dynamical lives of high redshift galaxies* MNRAS, 459, 2106A **Cites 7**
8. M. Bernyk, D.J. Croton, C. Tonini, L. Hodkinson, A.H. Hassan, T. Garel, [A.R. Duffy](#), S.J. Mutch, G.B. Poole (2016) *The Theoretical Astrophysical Observatory: Cloud-Based Mock Galaxy Catalogues*. ApJS, 223, 9B **Cites 8**
9. C.Correa, S.J.B. Wyithe, J. Schaye, [A.R. Duffy](#) (2015c) *The accretion history of dark matter halos III: A physical model for the concentration-mass relation*. MNRAS, 452, 1217C **Cites 28**
10. C.Correa, S.J.B. Wyithe, J. Schaye, [A.R. Duffy](#) (2015b) *The accretion history of dark matter halos II: The connections with the mass power spectrum and the density profile*. MNRAS, 450, 1521C **Cites 20**
11. C.Correa, S.J.B. Wyithe, J. Schaye, [A.R. Duffy](#) (2015a) *The accretion history of dark matter halos I: The physical origin of the universal function*. MNRAS, 450, 1514C **Cites 19**
12. [A.R. Duffy](#) (2014) *Probing the nature of dark energy through galaxy redshift surveys with radio telescopes*. AnP, 526, 283D **Cites 1**
13. [A.R. Duffy](#), S.J.B. Wyithe, S.J. Mutch, G.B. Poole (2014) *Low mass galaxy formation and the ionising photon budget during reionisation*. MNRAS, 443, 3435D **Cites 12**
14. M.J. Malarecki, L. Staveley-Smith, L. Saripalli, R. Subrahmanyam, D.H. Jones, [A.R. Duffy](#), M. Rioja (2013) *Giant radio galaxies - I. Intergalactic barometers*. MNRAS, 432, 200M **Cites 12**
15. S.E. Bryan, S.T. Kay, [A.R. Duffy](#), J. Schaye, C. Dalla Vecchia, C.M. Booth (2013) *The impact of baryons on the spins and shapes of dark matter haloes*. MNRAS, 429, 3316B **Cites 57**
16. [A.R. Duffy](#), M.J. Meyer, L. Staveley-Smith, M. Bernyk, D.J. Croton, B. Koribalski, S. Westerland (2012c) *Predictions for ASKAP neutral hydrogen surveys*. MNRAS, 426, 3385D **Cites 45**
17. [A.R. Duffy](#), A. Moss, L. Staveley-Smith (2012b) *Cosmological Surveys with the Australian Square Kilometre Array Pathfinder*. PASA, 29, 202D **Cites 10**
18. [A.R. Duffy](#), S.T. Kay, R.A. Battye, C.M. Booth, C.D. Vecchia and J. Schaye (2012a) *Modelling Neutral Hydrogen in Cosmological Simulations*. MNRAS, 420, 2799D **Cites 48**
19. [A.R. Duffy](#), J. Schaye, S.T. Kay and C.D. Vecchia (2011) *Erratum: Dark matter halo concentrations in the WMAP year 5 cosmology*. MNRAS, 415L, 85D **Cites 4**
20. [A.R. Duffy](#), J. Schaye, S.T. Kay, C.D. Vecchia, R.A. Battye and C.M. Booth (2010) *Impact of baryon physics on dark matter structures: a detailed simulation study of halo density profiles*. MNRAS, 405, 2161 **Cites 170**

21. J. Schaye, C.D. Vecchia, C.M. Booth, R.P.C. Wiersma, T. Theuns, M.R. Haas, S. Bertone, A.R. Duffy, I.G. McCarthy and F. vd Voort (2010) *The physics driving the cosmic star formation history*. MNRAS, 390, L61 **Cites 366**
22. A.R. Duffy, J. Schaye, S.T. Kay and C.D. Vecchia (2008b) *Dark matter halo concentrations in the WMAP year 5 cosmology*. MNRAS, 390, L61 **Cites 442**
23. A.R. Duffy, R.A. Battye, R.D. Davies, A. Moss and P.N. Wilkinson (2008a) *Galaxy redshift surveys selected by neutral hydrogen using FAST*. MNRAS, 383, 150 **Cites 19**

Academic Experience

- 05/16 – now Early Career Researcher, **Executive Committee**, Science & Technology Australia
Elected to the peak body representing science and technology in Australia
- 2015 – now **Committee Member**, DIISR Australian Astronomy Governance Working Group
By Costing and RBA of future governance models for Australian astronomy provide recommendation to Australian Federal Government DIISR future governance model
- 2015 – now **Member**, International Astronomical Union
Accepted into peak international body for astronomy
- 2014 – 2016 **Time Assignment Committee Member**, Australian Telescope National Facility
Selected to award access for all Australian radio telescopes
- 2012 – now **Referee** Nature, Astrophysics Journal & Monthly Notices for the Royal Astronomical Society
I am referee for three of the top international astronomy journals
- 03/14 – 06/16 **Committee Member**, Women in Astronomy
Elected to the committee (improving diversity and experience of all in astronomy)
- 03/10 – 04/14 **Committee Member**, Australian National Institute for Theoretical Astrophysics
Twice elected to the committee for ANITA (representing WA & Victoria respectively)
- 12/14 **Conference Organiser and Session Chair**, Australian Academy of Science's Frontiers meeting 'Edges of Astronomy', 2014, Canberra
Co-organiser and chair of outreach session in high-profile event on astronomy
- 04/14 **Conference Organiser**, WiA 2014 workshop at Canberra
Co-organiser of high-profile (~100 attendees) workshop on diversity in astronomy
- 2012 Mid-term Decadal plan for Australian Theoretical Astrophysics
Co-author for the mid-term decadal plan on the future of theory in Australia
- 02/11 **Conference Organiser**, ANITA 2011 meeting at Perth.
Organised a well-attended (~100) annual meeting of theorists in Australia at Perth.
- 12/10 **External interviewer**, Research Software and Systems Engineer (Astronomy Support) position at Swinburne University.
External interviewer for a level HEW8 support position at Swinburne CAS.
- 2010 – now **Member**, Astronomical Society of Australia
Accepted into peak national body for astronomy
- 09/09 – 04/12 Chair, ICRAR Colloquium series, University of Western Australia
Invited and supported external speakers along with leading the talks and discussion
- 09/08 – 06/09 Chair, JBCA Internal Symposium series, University of Manchester
Organise internal speakers and govern the discussion that follows
- 09/05 – 09/06 Chair, Jodrell Bank Observatory Postgraduate Committee, University of Manchester
Ensured there was student input on the Manchester/UMIST merger
- 09/01 – 06/03 Undergraduate Student Representative, Physics, University of Manchester
Forced the removal of a poorly constructed MATLAB programming course

Student Supervision

- 09/15 – 08/17 Yuxiang Qin (UMelb PhD) working on "SAM and Hydro Comparison"
I am the external co-supervisor with Prof Stuart Wyithe and Dr Simon Mutch.

- 03/12 – 06/16 Camila Correa (UMelb PhD) working on “The Epoch of Reionisation”
I co-supervised PhD student Camila with Prof Stuart Wyithe (UMelb)
- 05/13 – 08/13 Sebastien Carassou (Paris Sud, Honours) working on “First Galaxy Spins”
I co-supervised an honours exchange student from Paris Sud with Dr Simon Mutch
- 04/10 – 08/10 Alexander Matthews (UWA Honours) worked on “Stacking the Cosmic Web”,
Co-supervised with Prof. Martin Meyer (ICRAR/UWA).
- 11/09 – 02/10 Daniel Beard (iVEC Internship) worked on “Visualization of Galaxy Simulations”,
I was the supervisor, co-supervised by Prof. Paul Bourke (iVEC/WASP) and Prof. Lister Staveley-Smith (ICRAR/UWA). Continued to work with Daniel until 09/10 as a part-time researcher on expanding visualisation efforts.
- 11/09 – 02/10 Morag Scrimgeour (iVEC Internship) worked on “The Baryonic Tully-Fisher Relation”. *I was the supervisor, co-supervised by Prof. Lister Staveley-Smith*

Teaching Experience

- 03/16 – 06/16 Research & Development 3, Swinburne University
Supervising an undergraduate research project on detecting Bussard Ramjets
- 03/16 – 06/16 Lecturer, “Phy10001: Energy and Motion”, Swinburne University
200 first year BSci/BEng students, ~35 lectures
- 01/16 – 02/16 Research & Development 1, Swinburne University
Supervising 3 undergraduate research projects on dark matter detection and Swinburne’s Mission to Mars (including 3D printing tools for Mars).
- 03/15 – 06/15 Lecturer, “Phy10001: Energy and Motion”, Swinburne University
200 first year BSci/BEng students, ~35 lectures
- 09/14 – 11/14 Swinburne Astronomy Online lecture series “AST80006: Galaxies and their place in the Universe” *20+ students from all backgrounds.*
- 09/13 – 10/13 First year lecture series “PHYC1008: from the Solar System to the Cosmos”
I co-lectured an ‘astronomy 101’ course; 120 students from Arts and Science Faculty, received the highest student rating of any course in the entire department
- 09/10 First year lecture, “CDM Cosmology”, University of Western Australia
An overview ‘Cosmology 101’ course to incoming Physics students
- 09/08 – 06/09 Tutor, First Year Mathematics, University of Manchester
Taught three tutorial groups for an academic year, marked exams
- 09/05 – 09/06 Tutor, First Year Mathematics, University of Manchester
Taught two tutorial groups for an academic year, marked exams

Talks

Conferences

- 12/16 **Invited speaker**, “Resourcing the future”, Unearthed Demo Day, Perth
- 11/16 **Invited speaker**, “Exploring new frontiers”, International Mining & Resources Conference
- 11/16 **Invited panel**, “Is VR better than real life?”, PAX2016, Melbourne, Australia
- 6/16 **Invited panel** as a male Champion of Change alongside the Victorian Lead Scientist Leonie Walsh, “Diversity in Science Lecture”, Melbourne, Australia
- 2/16 **Invited panel**, “Education & Outreach Workshop”, EPOC, Melbourne, Australia
- 12/15 **Invited keynote**, “Southern Skies”, LABCON, Melbourne, Australia
- 10/15 **Chair** “Make science cool and fund it!”, Junket, Canberra
- 09/15 **Invited keynote**, “Southern Skies”, International Beam Instrumentation Conference, MCEC, Australia
- 08/15 **Invited panel**, “Are We Alone”, Panel Discussion at National Library, Canberra, Australia <https://youtu.be/azTSi0c0kD4>

- 05/15 **Invited panel**, “Data For Good”, Panel Discussion at Vivid Festival, MCA, Sydney, Australia
- 05/15 **Invited talk**, “The power of simple questions”, TEDx Sydney, Australia
- 12/14 **Chair** “Outreach – Why Reach Out?”, Edges of Astronomy, Australian Academy of Science
- 08/14 “First galaxies and DRAGONS”, LyCleak, Stockholm, Sweden
- 11/13 “Lighting up the Universe”, CAASTRO Retreat 2013, Torquay Australia
- 10/12 **Keynote talk**, “Seeing in the Dark”, OzViz 2012, Perth Australia
- 04/12 **Invited talk**, “Stellar Innovations”, TEDx, Perth, Australia
- 03/12 **Invited talk**, “Simulations in the Age of ASKAP”, eResearch, CSIRO Supercomputer meeting, Melbourne, Australia
- 11/11 “ASKAP Surveys and the Cosmic Evolution of HI”, Bolton Symposium, ATNF
- 11/11 Review Talk, “HI in Hydrodynamic Simulations”, Sim Fest, ATNF
- 06/11 “The Detection of the Cosmic Web”, Gas in Galaxies, Kloster Seeon, Germany
- 02/11 “HI in a Simulated Universe”, ANITA workshop, Perth, Australia
- 02/11 “HI in a Simulated Universe”, HI workshop, Perth, Australia
- 08/10 “Baryon effects on structure growth”, Darkness Visible, IoA Cambridge, UK
- 05/10 MeerKAT/ASKAP/Apertiff Workshop, Arniston, South Africa
- 03/10 ANITA Workshop, Swinburne Institute of Technology, Australia
- 12/09 “Raw Material of Galaxies: The evolution of HI to $z=2$ ”, The Origin of Galaxies, ESF Research Conference, Obergurgl, Austria
- 01/09 “Effect of baryons on Dark Matter”, Virgo Consortium, MPA Garching
- 09/08 “Dark Matter Haloes in WMAP5”, UK Cosmology Meeting, UMan, UK
- 01/08 “Dark Matter OWLS”, Internal Symposium, JBCA, UMan, UK
- 10/07 Journal Club, Jodrell Bank Observatory, UMan, UK
- 01/07 “OWLS – Backreactions Count”, Virgo Consortium, University of Leiden, NL

Seminars

- 5/16 AAO, Sydney, Australia
- 08/15 Mt Stromlo, Australian National University, Australia
- 07/15 University of Melbourne, Physics Colloquium, Australia
- 12/14 Swinburne CAS, Australia
- 11/14 University of New South Wales, Australia
- 09/14 University of Western Australia, Australia
- 08/14 University of Manchester, UK
- 08/14 University of Nottingham, UK
- 02/14 University of Sydney, Australia
- 02/14 University of Queensland, Australia
- 02/14 CASS CSIRO Sydney, Australia
- 06/11 University of Leicester, UK
- 06/11 Royal Observatory of Edinburgh, UK
- 06/11 University of Glasgow, UK
- 03/11 University of Queensland, Australia
- 12/10 Swinburne CAS, Australia
- 08/10 University College London, United Kingdom
- 05/10 University of Cape Town, South Africa
- 03/10 University of Melbourne, Australia
- 02/09 University of Sussex, United Kingdom

Outreach

- 11/16 **Raising the Bar Melbourne, Loopbar**

- Evening talk on dark matter as part of the City of Melbourne's RTBMelb series of talks in bars across the city, sellout event to 60 people*
- 11/16 **Swinburne Rotary**
Evening talk to the local rotary club about Swinburne's research 50 attendees
- 08/16 **School Science Talk Visit (invited), Melbourne High School, Victoria**
A fun chat to over 40 year 9-12 science students (including the Space Science Club) about gravitational waves, black holes and dark matter
- 08/16 **Sydney Science Festival, Powerhouse Museum**
Sell-out evening lecture on 'The World's Greatest Experiment' (300 attendees)
- 08/16 **MAASIVELATE, Sydney Science Festival, Powerhouse Museum**
Opening address for Sydney Science Festival alongside NSW Chief Scientist (~1800)
- 08/16 **Born Digital, Digital Preservation Week, National State Libraries Australasia**
Created several video interviews on Big Data in science and digital preservation
- 07/16 **Swinburne Open Day**
Two keynote talks on Science of SciFi w 50 visitors each
- 07/16 **AstroFest, Sydney, University of Sydney**
Keynote and MC of the inaugural Sydney Astrofest w over 2000 visitors
- 07/16 **STAV Science Leaders's Conference, Quantum, Vic**
Gravitational wave talk to ~40 leading science teachers from across Victoria
- 06/16 **Charity space conversation with Conversely, Sydney**
An hour space chat for a women's group Conversely, proceeds (\$1500) went to Sunrise Cambodia for their education programme
- 06/16 **Life, the Universe and Everything (we can't see), Swinburne Alumni**
Tour of Brisbane, Sydney and Melbourne for Swinburne highlighting current research
- 05/16 **Story of Light, VIVID Festival, Sydney**
Host for 4 astronomers discussing science and big data in astronomy, 250 people
- 05/16 **Scotch College / Hulme Central, Vic**
Two schools (100 students) attended my lecture on Grav' Waves at Scotch.
- 05/16 **National Science Quiz, Melbourne**
I was a panellist at the National Science Quiz, hosted by Charlie Pickering, where alongside ABC's Red Symons, Victoria's Lead Scientist Leonie Walsh, PM Prize for Science winner Terry Speed and Tanya Ha, we tried to answer science questions to an audience of 200. More fun was to explain our thinking behind the answer, especially when we were wrong!
- 03/16 **FameLab Victoria finals, British Council, Melbourne Museum**
Hosted the state finals of FameLab, where early career researchers have 3 minutes to explain their science with anything but jargon. The winner Noushin will now go to the national finals in Perth, that winner will compete at internationals in UK.
- 03/16 **Evening with Brian Greene, Melbourne Park**
Host and interviewer for an Evening with Brian Greene to 1000 people
- 03/16 **Trinity / Xavier / MLC / Camberwell Boys / Ruyton, Vic**
Five schools (80 science club pupils) attended my lecture on Grav' Waves at Trinity.
- 03/16 **"National Young Leaders Day" Halogen, MCEC**
Panel discussion to 4000 primary students from across Victoria about leadership and science with 3 other panellists; Elliot Costello, Anita Loughran, Dr Paul McIntosh
- 02/16 **"Does the Universe have a memory" AESOP lecture series, Wheeler Centre**
Public talk on scientific concepts and then Q&A to ~100 AESOP workers during a special lunch conversation event.
- 11/15 **"Questions on Notice" Interrobang, Athenaeum Theatre**
Alongside Mark Colvin and other panellists we answered audience questions as part of Interrobang, with ~200 attendees there were a lot of varied questions.
- 11/15 **"Does the Universe have a memory" Interrobang, Athenaeum Theatre 2**

- 11/15 *Sell-out talk (~100) on the nature of time and memory as part of Interrobang*
“What is the good in the good fight?” Interrobang, Wheeler Centre
Alongside Anne Summers and Raimond Gaita discussed ethics as part of Interrobang to ~200 attendees at the Wheeler Centre
- 11/15 **“Shared Skies” VCE Schools Talk, University of Melbourne**
Discussed astrophysics and aboriginal astronomy to ~60 Victorian physics teachers
- 08/15 **Trinity / Xavier / MLC / Camberwell Boys / Ruyton, Vic**
Five schools (80 science club pupils) attended my lecture on New Horizons at Trinity.
- 08/15 **“Pluto in the Pub”, Panel Discussion for US Embassy at O’Malley’s, Australia**
Alongside NASA’s DSN coordinator Glen Nagle and Nobel Laureate Brian Schmidt
- 08/15 **Evening with Neil deGrasse Tyson, MCEC**
I gave a well-received opening talk to ~4000 people at the NdGT event at MCEC.
- 06/15 **Ballart Astronomical Society (invited)**
I was privileged to be guest speaker at the BAS telling 20 members of all ages about Dark Matter.
- 05/15 **Astronomical Society of Victoria (invited)**
I was privileged to be guest speaker at the oldest amateur astronomy society in the Southern Hemisphere, speaking to 100 members of all ages about searching for life.
- 05/15 **St Kevins School, Vic**
As part of International Year of Light I represented Swinburne and optics at a science fair in St Kevins to ~140 pupils and parents.
- 05/15 **Karijini Experience (invited), Karijini National Park, WA**
I spoke about Indigenous Astronomy alongside Banyjima elders at a weekend cultural festival supported by WA tourism.
- 03/15 **Rio Tinto’s Innovation Fest (invited keynote) SciTech, WA**
Presented scientific discoveries and the innovative technologies that made them possible to 800 year 8-11s from across WA over two days in the SciTech dome.
- 09/14 **Ruyton Girls School, Vic**
I gave a tour of Swinburne to the Principal and Senior Staff of Ruyton.
- 09/14 **The Science Career Carousel (invited keynote)** *I was keynote speaker for Pilbara Joblink & Inspire Australia’s Science Career Carousel, giving advice to 50 pupils of Karratha HS and 50 pupils from St Luke’s College.*
- 09/14 **CAASTRO in the Classroom, NSW**
I spoke to 17 schools throughout NSW via CitC and the Dept of Education on ‘space’.
- 09/14 **ScienceAlert’s STEM Expo**
I filmed the intro for the new expo and arranged for Swinburne’s booth.
- 07/14 **School visit St Spyridon Primary, Sydney, NSW**
I was invited to teach the entire school in year 2, year 3-4 and year 5-6 age groups, approximately 40 children per group.
- 07/14 **Elemental, Science Works Planetarium, Melbourne, Victoria**
I gave the introductory piece for 3 sell-out art shows exploring science.
- 06/14 **Laneway Learning**
I was invited to teach a class of 25 interested local Melbournians in a relaxed pub setting on Dark Matter with interactive demos and take-home learning sheets.
- 06/14 **Science of Doctor Who, Melbourne, Victoria**
One of 3 scientists in the nationally touring BBC Worldwide / RiAus sponsored Science of Doctor Who live show. Discussing the science of the show to 500 people in each of the four sell-out performances.
- 05/14 **Science of Doctor Who, Brisbane, Queensland**
One of 3 scientists in the nationally touring BBC Worldwide / RiAus sponsored Science of Doctor Who live show. Discussing the science of the show to 500 people in each of the two sell-out performances.

- 05/14 **Planting the Weekend, Woodfordia, Queensland**
I was invited to speak on Dark Matter and Indigenous Astronomy at a weekend music festival to audiences of ~100.
- 05/14 **Victorian Space Science Education Centre**
I was invited to teach a class of 15 Strathmore Secondary College science students about Gravity (before a screening of the movie).
- 04/14 **Rebellion/Tomorrow (invited)** *Alongside Laura Bates and other high profile speakers I opened the Next Wave festival at the Simon Wheeler Centre.*
- 03/14 **School Science Talk Visit (invited)**, Melbourne High School, Victoria
A great chat to over 90 year 9-12 science students (including the school Science Club) about astronomy and dark matter, with a focus on how I got into science.
- 01/14 **Astronomical Society of Victoria (invited)**
I was privileged to be guest speaker at the oldest amateur astronomy society in the Southern Hemisphere, speaking to 60 members of all ages about Dark Matter.
- 12/13 **Laneway Learning**
I was invited to teach a class of 25 interested local Melbournians in a relaxed pub setting on Dark Matter with interactive demos and take-home learning sheets.
- 11/13 **Mt Burnett Observatory AGM (invited)**
I was invited to speak at the AGM for Mt Burnett Observatory to 30 amateur astronomers on Dark Matter.
- 09/13 **An Evening in Space (invited)** *Along with Dr Pamela Gay I was the chief speaker to 50 attendees of the inaugural lecture night.*
- 09/13 **The Science Career Carousel (invited keynote)** *I was keynote speaker for Pilbara Joblink & Inspire Australia's Science Career Carousel, giving advice to 140 pupils of Karratha HS. Then spoke around the Pilbara, to 130 pupils at St Luke's College and year 6-9s Indigenous pupils at Roeburne HS.*
- 08/13 **The Science of Doctor Who (podcast)** *I was a panellist discussing the science of Doctor Who on the popular SplendidChaps podcast, recorded live to a sell-out at Bar Open.*
- 05/13 **Mt Burnett Observatory Science Day (invited)**
I was the chief speaker for the entire day, giving talks and observatory tours to 200 students from Upwey Primary, Upwey South and Emerald Secondary College.
- 04/13 **Are We Alone (Panelist)** *The Age sponsored show, Federation Square (250 @ \$30)*
- 02/13 **Science Impro Adelaide Fringe**
Comedian/scientist in a successful "Whose line is it anyway" style science show (~40)
- 11/12 **Solar Eclipse Event** *at Pascoe Vale Girls College*
I spoke at the school to over 100 pupils and 30 staff members in total, as well as setting up and running the telescopes for the solar eclipse.
- 09/12 **Melbourne Schools Science Day talk** - "Answering Big Questions in our Universe"
I gave a very well received hour-long presentation on cosmology to 96 year 10's from Copperfield College (Kings Park and Sydenham campus), Galvin Park Secondary College, Kurunjang Secondary College, Montmorency Secondary College, Mount Alexander College, Roxburgh College, Santa Maria College, and Strathmore College.
- Q4 2012 **Planetarium show**, SciTech, WA - *Dark*
A \$50k (with in-kind contributions) production that I co-wrote and star in, as well creating the simulations featured in the production. It covers the latest developments in Dark Matter and Radio Astronomy for secondary schools and general public. Shown in 148 planetariums worldwide in 25 countries with Italian, Korean, Russian, French, Hindi, Telugu translations and Polish, Turkish and Spanish on the way.
- 08/11 **Regional Talk Tour**, Narrogin, Western Australia

Together with WA Chief Scientist Prof Lyn Beazley I spoke at a number of schools in Narrogin: Narrogin Senior High School, East Narrogin Primary School, Narrogin Primary School and St. Matthew's School.

- 08/11 Sponsored **National Science Week** astronomy talks at WA Museum, Kalgoorlie
I was invited to speak about astronomy at the WA Museum for National Science Week.
- 07/11 Sell-out evening debate – *Profs and Pints*; “*Is Sci-Fi good for Science?*”
Invited expert for a fortnightly debating series organised by SciTech, WA on the topic
- 05/11 Sell-out **planetarium show** – *The Dark Universe*
Evening lecture on Cosmology that I created and presented at SciTech, WA
- 04/11 – 06/11 **SPICE workshops** in cosmology, University of Western Australia
Created and presented a Cosmology Workshop to educate Perth High School Physics teachers for the new secondary curriculum in cosmology/astrophysics
- 05/11 **Regional Talk Tour**, Kalgoorlie, Western Australia
Together with WA Chief Scientist Prof Lyn Beazley I spoke at the following schools: O'Connor Primary School, Boulder Primary School, North Kalgoorlie Primary School, South Kalgoorlie Primary School and Goldfields Baptist College.
- 05/11 Evening Lecture on *The Square Kilometre Array*, Kalgoorlie, Western Australia
I presented an overview of the Square Kilometre Array to three rotary clubs
- 05/11 Evening Presentation on *Astronomy and the SKA*, Kalgoorlie, Western Australia
Presented to a sell-out audience at the WA Museum
- 02/11 Online Cosmology talk, ICRAR, University of Western Australia
Created an online cosmology talk along with online resources for the general public

Interviews/Articles

TV (112 appearances in total)

- 20/12/16 ABC News 24 Middays ()
Discussed Swinburne research on gas rich galaxies
- 12/12/16 ABC Breakfast ()
Regular slot discussing laughter in space and meteor showers
- 11/12/16 9's Today ()
Discussed upcoming geminids meteor shower
- 28/11/16 ABC Breakfast ()
Regular slot discussing space food and exploring Saturn
- 25/11/16 ABC Lateline ()
Discussed potential for crewed missions to Mars
- 15/11/16 ABC Breakfast ()
Regular slot discussing supermoons and Australia hosting the Space Olympics
- 14/11/16 9 News ()
Discussed supermoon
- 12/11/16 9's Today ()
Discussed supermoon
- 17/10/16 ABC Breakfast ()
Regular slot discussing simulated universes, trillions of galaxies and Orionid meteors
- 14/10/16 The Project - Ten ()
Explaining simulated universes
- 3/10/16 ABC Breakfast ()
Regular slot discussing Rosetta, SpaceX to Mars, shrinking Mercury and AFL
- 30/09/16 The Project - Ten ()
Sketch explaining Rosetta crashing into Comet 67P
- 30/09/16 ABC News 24 – afternoons

22/08/16 *Discussing Rosetta crashing into Comet 67P*
 ABC Breakfast ()
Regular slot discussing Rockets and Proteins in space

14/08/16 ABC Weekend Breakfast ()
Interview promoting Large Hadron Collider and Sydney Science Festival

11/08/16 7's Sunrise () **CHECK DID THIS GO TO AIR?**
Interview promoting Large Hadron Collider and Sydney Science Festival

8/08/16 ABC Breakfast ()
Regular slot discussing Big Data and digital preservation

2/08/16 The Project - Ten ()
Pre-film discussing the Science of Science Fiction

25/07/16 ABC Breakfast ()
Regular slot discussing Gravitational lensing, DNA scans in space and aligned planet

11/07/16 ABC Breakfast (6min 35s) [ONLINE](#)
Regular slot discussing Juno, triple star planets and Crab Nebula

05/07/16 ABC News 24 – afternoons
Discussing the amazing effort by NASA's Juno in reaching Jupiter

30/6/16 The Project - Ten (2min 59s)
 On the desk chatting about if a Grand Solar Minimum will cause an ice age (it won't)

27/06/16 ABC Breakfast (6min) [ONLINE](#)
Regular slot discussing 3D printing in space and CSIRO upgrading China's telescope

14/06/16 ABC Breakfast (6min 11s) [ONLINE](#)
Regular slot discussing feeding black holes and light pollution

30/05/16 ABC Breakfast (4min 23s) [ONLINE](#)
Regular slot discussing the commercial exploration of space

16/05/16 ABC Breakfast (6min 14s) [ONLINE](#)
Regular slot discussing the movement of the Earth's magnetic poles

18/04/16 ABC Breakfast (5min 54s) [ONLINE](#)
Regular slot discussing craft beer with Mars tech and Interstellar travel

13/4/16 The Project - Ten (2min 59s)
The amazing \$100m Breakthrough Starshot to get to Alpha Centauri

7/4/16 The Project - Ten
Discussing threats to pure research by the CSIRO funding cuts

4/04/16 ABC Breakfast (4min 52s) [ONLINE](#)
Regular slot discussing hidden stars, baby planets and inflatable habitats

21/03/16 ABC Breakfast (6min) [ONLINE](#)
Regular slot discussing monster stars and methane on Mars

8/03/16 ABC Breakfast (5min 31s) **ONLINE**
Regular slot discussing NASA's Year in Space project

22/02/16 ABC Breakfast (4min 47s) **ONLINE**
Regular slot discussing spy satellites and super earth atmospheres

13/2/16 [Channel 7's Weekend Sunrise](#) - (4min 03s)
Discovery of gravitational waves

12/2/16 The Project - Ten (2min 55s)
Discovery of gravitational waves

8/02/16 ABC Breakfast (3min 44s) **ONLINE**
Regular slot discussing latest theory of where the Moon comes from

21/1/16 The Project - Ten (2min 33s)
Potential discovery of a ninth planet in our solar system

21/01/16 ABC News 24 Afternoons (5min 12s) **ONLINE**
Potential discovery of a ninth planet in our solar system

18/01/16 ABC Breakfast (8min 09s) **ONLINE**

Regular slot discussing brightest supernova, SpaceX failure and Pluto
 15/1/16 The Project - Ten (2min 33s)
The brightest supernovae ever seen
 4/01/16 ABC Breakfast (6min 18s) **ONLINE**
Regular slot discussing what's coming up in 2016 in space
 21/12/15 ABC Breakfast
Regular slot discussing my highlights of space in 2015
 14/12/15 The Project - Ten
Special interview about the upcoming Geminids meteor shower
 14/12/15 ABC News 24 – afternoons
Special interview about the upcoming Geminids meteor shower
 7/12/15 ABC Breakfast (4min 19s) **ONLINE**
Regular slot discussing space as well as Government's innovation policy
 23/11/15 ABC Breakfast (6min 29s) **ONLINE**
Regular slot on celebrating 100 years of GR
 9/11/15 ABC Breakfast (5min 53s) **ONLINE**
Regular slot on how Mars lost its atmosphere and the private space race to the moon
 6/11/15 Channel 10's Ten News
Short interview on the discovery of how Mars lost its atmosphere
 31/10/15 Channel 7's Weekend Sunrise (4min 42s)
Live interview about the flyby of a Halloween asteroid
 26/10/15 ABC Breakfast (4min 27s) **ONLINE**
Regular slot on Hubble finding the faintest most distant galaxies
 12/10/15 ABC Breakfast (4min 22s) **ONLINE**
Regular slot on Pluto's blue skies and NASA's Apollo mission photos online
 28/09/15 ABC Breakfast (5min 19s) **ONLINE**
Regular slot discussing NASA's mysterious Mars announcement and eclipses
 14/09/15 ABC Breakfast (5min 19s) **ONLINE**
Regular slot discussing Tornados on the Sun
 31/08/15 ABC Breakfast (6min 02s) **ONLINE**
Regular slot discussing NASA's year long isolation experiment
 17/08/15 ABC Breakfast (6min 02s) **ONLINE**
Regular slot discussing space lettuce and Comet 67P
 4/08/15 ABC Breakfast (6min 51s) **ONLINE**
Regular slot on galaxy explorer, comets and Pluto's haze
 31/06/15 Channel 7's The Daily Edition (4min 42s)
Live chat about the psychology of the moon (not much basically!)
 25/06/15 Channel 7's Weekend Sunrise (4min 42s)
Live interview on the Kepler 452b discovery 'older cousin'
 24/07/15 ABC Breakfast (5min 23s) **ONLINE**
Special interview on the Kepler 452b discovery 'older cousin'
 21/07/15 ABC The Drum (5min 27s) **ONLINE**
First appearance on the desk for the Breakthrough Initiative
 21/07/15 Sky News
Brief interview on the Breakthrough Initiative
 15/07/15 The Project - Ten
Went into the studio to chat about the Pluto Flyby
 9/07/15 ABC Lateline (10min 21s) **ONLINE**
Special lateline interview on the New Horizons mission to Pluto
 6/07/15 ABC Breakfast (5min 26s) **ONLINE**
Regular slot, speaking about black holes and sinkholes
 15/06/15 ABC Breakfast (4min 28s) **ONLINE**

Special interview on the surprise reawakening of the Philae Lander
 8/06/15 ABC Breakfast (6min 33s) **ONLINE**
Regular slot, speaking about NASA's UFO parachute & tumbling moons
 7/06/15 Channel 7's Weekend Sunrise (6min 19s)
Long prerecord on site of Stawell Dark Matter detector
 25/05/15 ABC Breakfast (5min 52s) **ONLINE**
Regular slot, speaking about Sun's future and exploring Ceres
 8/05/15 The Project - Ten
Small pre-record on NASA crowdsourcing solutions to get to Mars
 11/05/15 ABC Breakfast (6min) **ONLINE**
Regular slot, speaking about rockets and the International Space Station
 27/04/15 ABC Breakfast (4min 32s) **ONLINE**
Regular slot, speaking about MESSENGER crashing into Mercury and Hubble 25
 23/04/15 The Project - Ten
Studio interview about the 25th anniversary of the Hubble Space Telescope
 9/04/15 ABC News 24 – middays **MISSING**
Breaking story about the origins of our moon
 2/04/15 The Project - Ten
Piece on the upcoming lunar eclipse
 30/03/15 ABC Breakfast **ONLINE**
Regular slot, speaking about meeting the PM and dark matter
 16/03/15 ABC Breakfast **ONLINE**
Regular slot, explaining new dwarf galaxies and water on Jupiter's moons
 3/03/15 ABC Catalyst – Sun's lost sibling (7min 58s) **ONLINE**
Indepth interview on star formation
 27/02/15 ABC Breakfast **ONLINE**
Second appearance as guest discussing the week's (non-science) news
 17/02/15 ABC Catalyst – Alien Technology (11m 49s) **ONLINE**
Spoke on SETI and the Fermi paradox
 16/02/15 ABC Breakfast **ONLINE**
Regular slot on weighing dark matter in galaxy with a stuffed toy
 20/01/15 ABC Breakfast **ONLINE**
Regular slot on near-miss asteroid / cyclone from space and Beagle2 lander discovery
 6/01/15 ABC Breakfast **ONLINE**
Regular slot introduced some upcoming stories for 2015
 23/12/14 ABC Breakfast **ONLINE**
Regular slot chatting about top astro stories in 2014
 9/12/14 ABC Breakfast **ONLINE**
Regular slot chatting about Orion launch and New Horizons approaching Pluto
 8/12/14 The Project - Ten
Short prerecord about the Einstein Digital Paper Archive
 05/12/14 ABC Breakfast **ONLINE**
First appearance as guest discussing the week's (non-science) news
 18/11/14 ABC Breakfast **MISSING**
Regular slot chatting about comet, meteor shower and galaxy losing its gas
 13/11/14 The Project - Ten
A live interview on popular commercial evening show about landing on a comet
 13/11/14 ABC3 News on landing by Rosetta / Philae on comet **ONLINE**
Prerecord interview for ABC3 flagship children's news service
 13/11/14 ABC Breakfast on landing by Rosetta / Philae on comet
Primetime morning studio chat about historic landing on comet
 30/10/14 ABC News 24 – afternoons

28/10/14 *Seventh chat in my regular space slot; rocket exploding and planet lifeline*
 ABC Breakfast on Space
 16/10/14 *Third chat of regular space roundup slot 'on the couch' on Interstellar's BlackHole*
 ABC Catalyst – Virtual Universe (8m 41s) **ONLINE**
 08/10/14 *Indepth interview as the local expert for Catalyst piece on new supercomputer sim*
 Channel 10 – The Project
 08/10/14 *Interview about Lunar Eclipse 'Blood Moon'*
 ABC Breakfast on Space
 18/09/14 *Second chat of regular space roundup slot 'on the couch' on Lunar Eclipse*
 ABC News 24 – afternoons
 16/09/14 *Sixth chat in my regular space slot; on oversized blackholes & Monet's painting*
 ABC Breakfast on Space
 8/09/14 *First chat of regular space roundup slot 'on the couch'*
 ABC Breakfast on 2014RC asteroid
 04/09/14 *Primetime morning studio chat about a near miss asteroid*
 ABC News 24 – afternoons
 02/09/14 *Fifth chat in my regular space slot; on space whisky & MW's new home Laniakea*
 ABC News 24 – evenings
 11/08/14 *Live interview on how I viewed the Chief Scientist's 2025 STEM strategy plan*
 Channel 10 – The Project
 11/08/14 *Opening prerecord on the Supermoon*
 Channel 7 - several outlets morning
 10/08/14 *Interview about the Supermoon*
 ABC News 24 - morning
 07/08/14 *Interview about the Supermoon*
 ABC News 24 - afternoons
 11/07/14 *Fourth chat in my regular slot rounding up space news for the ABC*
 Sky News - afternoons
 10/07/14 *Live interview about the Australian Fireball*
 ABC News 24 - afternoons
 4/07/14 *Third chat in my regular slot rounding up space news for the ABC*
 Al Jazeera Interview on Higgs Boson anniversary **ONLINE**
 26/06/14 *Live discussion about the Higgs discovery, what it means and where next*
 ABC News 24 - midday
 12/06/14 *Short notice interview on a newly discovered triple supermassive blackhole*
 ABC News 24 - afternoons **ONLINE**
 20/05/14 *Second chat in my regular slot rounding up space news for the ABC*
 ABC Breakfast on Science of Doctor Who
 29/04/14 *Primetime interview 'on the couch' chatting about SoDWLive show*
 ABC Breakfast on Eclipse **ONLINE**
 18/04/14 *Primetime interview 'on the couch' chatting about the upcoming solar eclipse*
 The Project - Ten
 22/03/14 *A live interview on popular commercial evening show about a new Earth-like planet*
 Sunrise Weekend - Seven
 20/03/14 *A live interview on popular commercial breakfast show about the Inflation discovery*
 ABC News 24 - afternoons
 21/01/14 *First chat in a new regular slot rounding up astronomy for the ABC*
 ABC Breakfast on Rosetta **ONLINE**
 20/09/13 *Primetime TV interview about the recently awoken Rosetta spacecraft*
 Al Jazeera Interview on Stephen Hawking **ONLINE**
Live discussion on Stephen Hawking, to a global audience

Radio (limited selection tracked since 03/14 >100 noted)

20/12/16 ABC 774 Mornings
Live Q&A on air with Steve

13/12/16 TripleJ Hack
Round up of space and tech in 2016

29/11/16 ABC 774 Afternoons
Live Q&A on air with Clare Bowditch

28/11/16 ABC 702 Breakfast
Tenth fortnightly space segment with Robbie Buck

14/11/16 TripleJ Hack
Chatted supermoon

14/11/16 Fiveaa
Chatted supermoon

14/11/16 ABC 702 Breakfast
Ninth fortnightly space segment with Robbie Buck

31/10/16 ABC 702 Breakfast
Eighth fortnightly space segment with Robbie Buck

28/10/16 ABC Radio National
Discussion of potential causes for ExoMars crash

25/10/16 ABC 774 Afternoons
Live Q&A on air with Clare Bowditch

17/10/16 ABC 702 Breakfast
Seventh fortnightly space segment with Robbie Buck

30/09/16 ABC TripleJ Hack Friday ShakeUp
Panel discussion on SpaceX getting to Mars, rebelling against parents and Wyatt Roy

3/10/16 ABC 702 Breakfast
Sixth fortnightly space segment with Robbie Buck

29/09/16 ABC 774 Afternoons
Live Q&A on air with Clare Bowditch

22/08/16 ABC 702 Breakfast
Fifth fortnightly space segment with Robbie Buck

14/08/16 ABC 702 Weekend Show with Dom Knight
Discussion alongside CSIRO's Lisa Harvey-Smith for National Science Week

11/08/16 ABC Radio National Latenight Live
Discussion of STEM and Sydney Science Festival

7/08/16 ABC 702 Breakfast
Fourth fortnightly space segment with Robbie Buck

3/08/16 2UE
Discussion of the planetary alignments

27/07/16 ABC 774 Afternoons
Live Q&A on air with Clare Bowditch

26/07/16 3AW Breakfast
Planetary alignment

25/07/16 ABC 702 Breakfast
Third fortnightly space segment with Robbie Buck (Dom Knight filled in!)

18/07/16 ABC RN PM
Interview about SpaceX landing (again)

18/07/16 3AW mornings with Neil Mitchell
Live chat about what causes sunrises

11/07/16 ABC 702 Breakfast
Second fortnightly space segment with Robbie Buck

05/07/16 ABC 720 Perth / 3AW / SBS International / 2GB with Ross Greenwood

04/07/16 *Discussing the successful arrival of Juno into orbit around Jupiter*
 ABC RN Breakfast with Fran Kelly
In the studio discussing the imminent arrival of NASA's Juno to Jupiter

30/06/15 [ABC Conversations](#) with Richard Fidler
My return to the Conversations with Richard, focussing on dark matter and scifi

29/06/16 ABC 774 Afternoons
Live Q&A on air with Dave Astle

27/06/16 ABC 702 Breakfast
First new fortnightly space segment with Robbie Buck

10/06/16 [ABC PM](#)
Interview about space laws that currently won't allow private exploration of the moon

2/06/16 3AW Morning
Chat about the dangers of space junk

31/06/16 ABC Classic FM
An hour-long chat with Margaret Throsby

25/05/16 ABC 774 Afternoons
Live Q&A on air with Clare Bowditch

10/05/16 ABC 702 Breakfast
Live Q&A on air with Robbie Buck

6/05/16 ABC 702 afternoons
Chat about asteroids

27/04/16 ABC 774 Afternoons
Live Q&A on air with Clare Bowditch

14/04/16 3AW
Live call in questions

13/4/16 ABC Radio National Drive
Long interview about the \$100m Breakthrough Starshot

11/04/16 ABC TripleJ Hack
Discussing economics of space travel after SpaceX landed a rocket on a barge

11/04/16 ABC 774 Afternoons
Live Q&A on air for 20 minutes with David Astle

10/03/16 3AW Morning
Live call in question on whether there is sound in space

25/02/16 ABC 774 Victoria with Red Symmons
A cosmic close shave with an asteroid flyby

08/02/16 ABC 774 Victoria
Second chat about Melbhenge

22/01/16 3AW
Phone interview about the ninth planet

18/01/16 936 ABC Hobart Drive with Louise Saunders
Chat about brightest ever exploding star

13/01/16 ABC Radio National Breakfast with Sarah Dingle
My favourite books of 2015

04/01/16 ABC 774 Victoria / ABC News Radio
Spoke about what's coming up in space 2016

30/12/15 ABC 774 Victoria
Spoke about my highlights of space in 2015

14/12/15 ABC 774 Victoria / 3AW / TripleM / ABC PM
Spoke about the Geminids meteor shower

04/11/15 ABC 774 Victoria with Jon Faine
Promoting Melbourne's equivalent to Stonehenge – Melbhenge !

29/09/15 2UE / 3AW / Tasmania Talks / Fiveaa

28/09/15 *Discovery of liquid water on Mars*
 ABC World Today with Eleanor Hal
 Chat to ABC about the lunar eclipse
 28/09/15 ABC 774 Victoria with Red Symmons / ABC News Radio / Fiveaa
NASA's mysterious Mars announcement
 31/07/15 ABC PM
The discovery of organic material on the comet 67P
 26/07/15 Triple R – Einstein a go go
Long interview in the studio chatting about alien worlds and Pluto
 24/07/15 3AW / Gold 104.3 Breakfast with Brig and Lehmo / ABC 774 with Red Symmons /
 ABC News Radio
Earth's 'cousin' discovered by Kepler
 21/07/15 ABC TripleJ Hack / ABC Victoria / Fiveaa / ABC News Radio with Marius Benson
Breakthrough Initiative on searching for aliens
 15/07/15 ABC PM
The human side of exploring Pluto
 14/07/15 ABC TripleJ with Veronica and Lewis
Long chat about New Horizons flyby of Pluto and listener questions
 07/07/15 ABC World Today with Eleanor Hal
Chat to ABC about finding hidden supermassive blackholes
 15/06/15 ABC TripleJ with Veronica and Lewis
Chat about World Asteroid Day
 09/06/15 BBC Worldservice Outside Source with Ben James
A chat to BBC radio worldwide on NASA's 'UFO' looking spacecraft
 09/04/15 ABC Conversations with Richard Fidler
A rebroadcasting of my hour long chat with Richard on all things astronomy
 01/04/15 ABC Ballarat
Fill in for Fred Watson's regular space segment
 25/03/15 ABC PM
Experience of discussing science with the Prime Minister at Science Meets Parliament
 25/03/15 ABC AM
Discussion on the role of Science Meets Parliament in science policy
 26/02/15 ABC Regional Victoria
Chatted about a daylight meteor over Melbourne
 25/02/15 ABC 774 Drive
Chatted about a daylight meteor over Melbourne
 27/01/15 ABC 666
Live phone in chat on the 11th year anniversary of the Opportunity Rover
 21/01/15 FiveAA afternoons with Will Gooding
Phone interview about a near miss asteroid
 13/01/15 ABC 774 Mornings
Went into the studio to chat about space in 2015
 07/01/15 3AW Afternoons with Darren James
Chat in the studio about space with live call in questions
 19/12/14 ABC Radio National Drive with Rebecca Huntley
Pre-record on the top astro stories of 2014
 18/12/14 ABC 774 Drive
Phone interview about methane on Mars
 04/12/14 Triple M with the 1 percenters
Chatted about the end of the world
 20/11/14 Triple M with the 1 percenters
Chatted about spinning black holes

13/11/14 ABC Current Affairs / ABC AM PM Today Show / ABC Gold Coast / FiveAA with Wil / Panorama Syn / 2GB / Triple M with the Grill Team
Comet landing

12/11/14 ABC Radio National / ABC PM / ABC QLD Regional / ABC Victoria Drive / ABC 774 with Raf Epstein
Comet landing

11/11/14 ABC 774 with Raf Epstein
Shrinking Great Red Spot

29/10/14 ABC Sydney 702 / ABC Newcastle 1233
Breaking story of exploding rocket

10/14 ABC Radio National Drive with Ali Waleed
Phone interview about the status of Pluto as a planet

10/14 Triple M with the Grill Team / Gold 104.3 with Briggs and Lehmo / 4KQ Breakfast / ABC North West / SBS / 2WEB / ABC 774 / 2SER / 2UE / 3AW with Dennis Walter
Phone interviews about the Lunar Eclipse

09/14 ABC 774 with Dave O'Neil
Live chat in the studio about Mars

09/14 2SER mornings
Phone interview about solar flares

09/14 FiveAA afternoons with Will Gooding
Phone interview about SpaceX and building cities on Mars

09/14 ABC 774 with Francis Leach
Phone interview about gecko's in space

09/14 3AW
Phone interview about the supermoon

08/14 ABC PM show
Long prerecord on ABC's PM show about Rosetta craft orbiting a comet

07/14 Syn FM News Interview
Chatted about the solar flare that nearly wiped out electronics across the Earth.

07/14 6PR882 Perth, 96 FM Perth, 3AW Melbourne, 4BC Brisbane, Triple M, 666 ABC Canberra and many more
Syndicated interview on the fireball seen above Australia

07/14 ABC Radio National 'Behind the Tweed'
5min interview about my own research into the First Galaxies

07/14 774 ABC Melbourne with Jon Faine
Chatted about my involvement in upcoming theatre production 'Elemental'.

06/14 Triple M 1percenters with Matt and Joe
Pre-record on the Universe ending combination of Inflation and the Higgs Boson

06/14 ABC Queensland Rural Afternoons with Rebecca McLaren
Remote link to chat about the Science of Doctor Who with costar Rob Lloyd.

05/14 3SSR Interview
Long chat about science and my own life with Swinburne Student Radio.

05/14 774 ABC Melbourne Afternoons with Red Symons
Went into the studio to chat about the Science of Doctor Who with costar Rob Lloyd.

05/14 702 ABC Sydney Evenings with Dom Knight
A long chat about the Science of Doctor Who with costar Rob Lloyd

05/14 ABC Sunshine Coast Mornings with Ursula
Live phone interview discussing Indigenous Astronomy and Science of Doctor Who.

04/14 774 ABC Melbourne Mornings with Nicole Chvastek
Went into the studio to chat about the upcoming solar eclipse.

04/14 ABC Radio Australia Drive with Phil Kafcalouides
Went into the studio to chat about the upcoming solar eclipse.

- 04/14 774 ABC Melbourne Afternoons with Ryk Goddard
Went into the studio to chat a new Earth-like planet and took live calls.
- 03/14 774 ABC Melbourne Afternoons with Richard Stubbs
Went into the studio to chat about breaking news story of detection of Inflation.
- 03/14 2UE News Interview
Gave pre-recorded interview about breaking news story of detection of Inflation.
- 03/14 ABC Radio National with Waleed Aly
7min interview about breaking news story of detection of Inflation.
- 03/14 ABC Radio Newcastle with Paul Bevan
Quick interview about breaking news story of detection of Inflation.
- 03/14 612 ABC Brisbane – Conversations
An hour long chat about everything in astro, and why I got into science, nationally.
- 02/14 Triple R – Einstein a go go
Long interview in the studio chatting about ancient stars for the Einstein a go go team
- 02/14 774 ABC Melbourne Afternoons with Richard Stubbs
Went into the studio to chat ancient stars and ended up discussing creationists
- 02/14 612 ABC Brisbane Afternoons with Matt Webber
Chatting about the oldest star and the upcoming Science of Doctor Who Show.
- 02/14 936 ABC Hobart Drive with Louise Saunders
Long chat about the Australian discovery of the lowest metallicity (hence oldest) star
- 01/14 ABC Radio Breakfast News on Rosetta
I was quoted on the recently awoken Rosetta spacecraft for ABC Breakfast Radio
- 01/14 3AW Drive with Tom Elliot on the ‘Quiet Sun’
A potentially difficult interview on the Quiet Sun, in which I insisted no link to climate change (ultimately winning over the host with humour but getting the science right)
- 01/14 774 ABC Talk with Michael Veitch on the ‘Aurora’
A short Q&A on Aurora turned into 50minutes of continuous caller questions. Exhausting but incredible fun.
- 11/13 ABC World Today show (and national news bulletins around Australia)
Long prerecord on ABC’s World Today show about Chelyabinsk asteroid impact
- 10/13 2UE Stir with Brian Carlton
Live Interview by Brian at peak slot on NSW radio show about lone exoplanets
- 10/13 ABC PM show (and national news bulletins around Australia)
Long prerecord on ABC’s PM show about UN efforts to save Earth from asteroids
- 09/13 Triple R News Interview
Interview for national radio show on Voyager 1 leaving the Solar System
- 08/11 ABC Goldfields Breakfast with John Wibberley
Live interview by regional radio show on SKA and an upcoming talk in Kalgoorlie
- 07/11 ABC 720 Drive with Russell Wolf
Live interview by Russell at peak slot on a statewide radio show on astronomy

Print (limited selection tracked since 03/14)

- 8/12/16 The Australian, interview clumpy dark matter
- 13/8/16 Weekend Australian, interview on science of LHC and the Collider exhibit
- 12/8/16 Sydney Morning Herald, feature on science of LHC and the Collider exhibit
- 8/16 [Washington Post](#) “A new reason we haven’t found life in the Universe”
- 7/16 Herald Sun, featuring my Science of Science Fiction talk for Swinburne Open Day
- 5/16 [Cosmos Magazine](#), writer “What now for NASA’s magnetic field probes”
- 4/16 The Age / [SMH](#) A career feature on me, and my efforts to teach STEM
- 4/16 The Australian “Oxygen star stuns scientists” Also featured [online](#)

- 3/16 [The Age](#) / SMH *Interview on evidence for seas on Pluto*
- 2/16 The Age / [SMH](#) *Interview on a cosmic close shave by a flyby asteroid*
- 2/16 [Cosmos Magazine](#), writer *“Spotted – the galactic birthplace of a fast radio burst”*
- 2/16 [Cosmos Magazine](#), writer *“Got them, Gravitational waves detected – at last”*
- 12/15 The Age *Interview on the Geminids meteor shower*
- 11/15 [Broadsheet](#) *“How to catch a ghost”*
Long interview on my work on dark matter, Interrobang speeches and education
- 10/15 [The Australian](#) *“Solar system theory jettisoned by Rosetta probe”* Also featured online
- 6/15 [Belfast Telegraph](#) feature
National newspaper in Northern Ireland ran a feature on my efforts in Australia
- 5/15 Men’s Style Magazine vol 64 (Winter 2015)
2015 Men Of Influence List – bizarre but an honour to be amongst 35 other legends under 45
- 2/15 Smith Journal vol 14
Dark Matter Hunters – Interview on Stawell DM detector
- 23/2/15 [Sydney Morning Herald](#) / The Age *Discussion of the Planck results on gravitations*
- 11/14 The Age *Interview on shrinking great red spot*
- 10/14 Herald Sun *Interview on time travel*
- 07/14 The Age *Issues surrounding the Inflation discovery*
- 07/14 Sydney Morning Herald / French Tribune / International Business Times
Repeated interviews on the ‘Big Quiet’, with nearly no sunspots visible.
- 06/14 Herald Sun *Review of the search for Earth 2.0 in the Milky Way*
- 05/14 The Age / Sydney Morning Herald / Brisbane Times 2nd part
Interview (recorded vid) on the search for life on other Solar System moons
- 05/14 The Age / Sydney Morning Herald / Brisbane Times 1st part
Interview (recorded vid) on the search for life on Jupiter’s moon Europa
- 05/14 The Irish Times
“Reaching for the stars in Australia” interview about emigrating to Oz for science
- 03/14 Sydney Morning Herald
“BICEP discovery of Grav Waves and Inflation” comment on the breaking discovery
- 01/14 The Age / The Voice
“First Astronomers” a lovely piece on my efforts in the Pilbara teaching indigenous astronomy to all children in the region
- 09/13 Pilbara News, Western Australia
Interview by Pilbara regional newspaper on my “Career Carousel” show
- 09/13 The Age / Sydney Morning Herald / Brisbane Times
Interview on the success of Voyager 1 leaving the Solar System
- 04/13 The Age / Sydney Morning Herald / Brisbane Times
Interview on the chance for life on rogue exoplanets
- 04/13 The Age / Sydney Morning Herald / Brisbane Times
Interview on the search for exoplanets, and a plug of upcoming “Are We Alone” show
- 12/12 The Age
“Reach for the Heavens” extended article on my with the Australian SKA Pathfinder
- 11/11 Sunday Times Magazine
Voted as one of the Top 40 “Best and Brightest” in Western Australia
- 08/11 [Nature](#) *Interviewed by science magazine Nature*
- 8/11 Kalgoorlie Miner, Western Australia
Interview by Kalgoorlie regional newspaper on upcoming evening cosmology lecture
- 05/11 Kalgoorlie Miner, Western Australia
Interview by Kalgoorlie regional newspaper on the SKA

Online (limited selection tracked since 03/14)

- 28/11/16 The Conversation [Thanksgiving space dinners, threading Saturn's rings and impossible drives](#)
- 28/11/16 [News.com.au](#)
Feature on the impossible EM drive rocket and why I think it's wrong
- 11/8/16 SBS Online interview on Sydney Science Festival
- 25/7/16 The Conversation [Hubble explores the Final Frontier](#)
- 5/7/16 ABC The Drum
[Juno reaches Jupiter in a golden age of space exploration](#)
- 11/4/16 ABC The Drum
- 24/5/16 The Conversation [Huge solar storms may be key to life on Earth](#)
- 16/5/16 The Conversation [Earth's magnetic heartbeat](#)
- 4/5/16 ABC The Drum
[Budget 2016: Scientists live to fight another year](#)
- 11/4/16 ABC The Drum
[Space race: Private are realizing our dream](#)
- 1/4/16 The Conversation [Something new under a \(dead\) sun](#)
- 24/2/16 [RiAus](#) Brew HaHa
Debunking a conspiracy about 'Space Music' heard on Apollo 10
- 13/2/16 [Mamamia](#) / [VICE](#) / [theconversation](#)
Discovery of gravitational waves
- 18/1/16 Australian Geographic / Huffington Post / IFLS
The alignment of all 5 visible planets this month
<http://www.australiangeographic.com.au/news/2016/01/the-planets-are-about-to-align>
- 7/12/15 ABC The Drum
Innovate or perish: What Turnbull's statement means for Australian research
<http://www.abc.net.au/news/2015-12-07/duffy-innovate-or-perish/7007858>
- 16/11/15 Cosmos Magazine, writer
"How the Sun stole Mars' atmosphere"
<https://cosmosmagazine.com/space/how-sun-stole-mars-atmosphere>
- 29/09/15 ABC The Drum
Finding water on Mars is huge for our search for life beyond Earth
<http://www.abc.net.au/news/2015-09-29/duffy-water-on-mars-is-huge-for-our-search-for-life-beyond-earth/6812008>
- 28/09/15 The Conversation (300k+ views; most read article from Swinburne Uni)
[Lunar eclipse is not the apocalypse](#)
- 5/09/15 Cosmos Magazine, writer
"Einstein's gravitational waves remain elusive"
<https://cosmosmagazine.com/physical-sciences/einsteins-gravitational-waves-remain-elusive>
- 24/08/15 Cosmos Magazine, writer
"What Rosetta found on Comet 67P"
<https://cosmosmagazine.com/space/what-rosetta-found-comet-67p>
- 21/07/15 ABC The Drum
Breakthrough Listen initiative "The \$100m question, are we alone in the Universe?"
<http://www.abc.net.au/news/2015-07-21/duffy-are-we-alone-in-the-universe/6636466>
- 16/07/15 9News.com.au
<http://www.9news.com.au/Technology/2015/07/15/18/49/New-Horizons-sends-back-detailed-pictures-of-Plutos-surface>
- 8/07/15 ABC The Drum
New Horizons flyby of Pluto "Hello there Pluto, nice to finally see you"
<http://www.abc.net.au/news/2015-07-15/duffy-hello-there-pluto-its-nice-to-finally-see-you/6620634>

- 8/07/15 Couriermail.com.au
New Horizons malfunction
<http://www.couriermail.com.au/technology/science/nasa-scrambles-to-reboot-new-horizons-space-probe-just-days-from-pluto-encounter/story-fnjwlbuh-1227430200554>
- 15/06/15 Cosmos Magazine, writer
"What on Ceres are those bright spots?"
<https://cosmosmagazine.com/space/what-ceres-are-those-bright-spots>
- 1/06/15 News.com.au
Feature on jets from Black hole "Death Star"
<http://www.news.com.au/technology/science/hubble-telescope-sees-black-holes-plasma-beam-colliding-with-matter/story-fnjwlcze-1227377604785>
- 9/03/15 Cosmos Magazine, writer
Article on the "Dawn arrives on Ceres"
<https://cosmosmagazine.com/space/dawn-arrives-ceres>
- 16/02/15 Cosmos Magazine, writer
"New eye in the sky"
<https://cosmosmagazine.com/space/new-eye-sky-dscovr-watch-over-earth-and-sun>
- 29/01/15 Cosmos Magazine, writer
Article on the "Cosmic Detectives"
<https://cosmosmagazine.com/space/cosmic-detectives-clues-ancient-fast-radio-burst>
- 12/01/15 Cosmos Magazine, writer
As a writer for widely read science magazine wrote article on the "Hole on the Sun"
<https://cosmosmagazine.com/space/what's-behind-hole-sun>
- 12/14 News.com.au
Feature article exploding the myth that Eta Carinae will destroy Earth
<http://www.news.com.au/technology/science/exploding-the-myth-that-the-dying-star-eta-carinae-will-kill-us-all/story-fnjwlcze-1227160571127>
- 13/11/14 ABC The Drum "Rosetta landing: the billion dollar dart hits its target"
<http://www.abc.net.au/news/2014-11-13/duffy-rosetta-landing-the-billion-dollar-dart-hits-its-target/5887690>
- 10/14 Solar Storm media release for Swinburne University recorded a record 87,950 hits
<http://www.swinburne.edu.au/media-centre/news/2014/09/huge-solar-storms-to-hit-earth-this-weekend.html>
- 25/07/14 Sydney Morning Herald / The Age
Chat to Peter Hannam about the dangers of Solar Flares
<http://www.theage.com.au/environment/pushed-back-to-the-stone-age-massive-solar-storm-missed-earth-by-just-one-week-20140725-zwo0c.html>
- 11/07/14 The Age
The 'fireball' over Australia was a Russian rocket
<http://news.theage.com.au/breaking-news-national/russian-rocket-meteor-metres-in-size-20140711-3bqww.html>
- 07/14 Quoted with the Exoplanet Multimedia Page
<http://media.adelaidenow.com.au/nnd/exoplanets/desktop.html>
- 07/14 News.com.au (and all News Ltd platforms)
Quoted on NASA expectations of finding signs of life in '20 years'
- 01/06/14 The Age
Possibilities of life on icy moons
<http://www.theage.com.au/national/education/icy-moons-draw-attention-in-search-for-extraterrestrial-life-20140601-zroch.html>
- 06/14 News.com.au
I chat about the Universe ending combination of Inflation and the Higgs Boson

- <http://www.news.com.au/technology/science/its-okay-nothing-really-matters-we-dont-actually-exist-anyway-or-so-the-higgs-boson-particle-suggests/story-fnjwlcze-1226968686254>
- 06/14 News.com.au
I chat about searching for other worlds and alien life
<http://www.news.com.au/technology/science/a-review-of-data-gathered-by-planet-hunters-hints-there-may-be-100-million-habitable-worlds-in-the-milky-way/story-fnjwlcze-1226949123187>
- 6/5/14 The Age
A feature about my efforts with other scientists on Doctor Who
<http://www.theage.com.au/entertainment/scientists-delve-into-doctor-who-20140506-zr5q3.html>
- 05/14 News.com.au
I chat about the scientific possibilities of Game of Thrones winters
<http://www.news.com.au/entertainment/tv/could-it-happen-here-we-unravel-the-mysteries-in-game-of-thrones-brutal-magical-world/story-e6frfmyi-1226932824057>
- 28/3/14 The Age
Interview with Peter Spinks about gravitational waves
<http://www.theage.com.au/national/education/cosmic-ripples-make-waves-20140328-35n9t.html>
- 12/12 Guardian Online
Feature article on my efforts to predict galaxies using the Australian SKA Pathfinder
http://www.alanrduffy.com/storage/media-online/GuardianOnline_301212.pdf
- 12/12 Daily Mail Online
Short article on my work finding galaxies with the Australian SKA Pathfinder
http://www.alanrduffy.com/storage/media-online/DailyMail_311212.pdf
- 09/11 Science Illustrated
Article on the Duffy et al (2010) paper, measuring how gas changes Dark Matter
http://www.alanrduffy.com/storage/media-online/Science_Illustrated_010911.pdf
- 09/10 AstronomyWA, Western Australia
Interview by the top WA-focussed online science site
<http://www.astronomywa.net.au/whats-happening/news/14-stories/660-hitchhikers-guide-to-building-a-galaxy>