Will J. Percival: Curriculum Vitae & Publication List

Personal details

Current Address	: Institute of Cosmology and Gravitation, University of Portsmouth, Dennis Sciama building, Portsmouth, PO1 3FX, U.K.
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Postgraduate Education & Employment

1/04/11 – Professor of Cosmology at University of Portsmouth.

1/10/09 – 11 Reader (Associate Professor equivalent) in Cosmology at University of Portsmouth.

1/10/05 – 09 Lecturer (Assistant Professor equivalent) at University of Portsmouth.

1/10/99 – 05 Postdoctoral research fellow at IfA, Edinburgh.

1/10/96 – 99 PhD student at Oxford University, supervised by Lance Miller

1/10/95 – 96 Employed by Defence Evaluation and Research Agency (DERA), Farnborough UK, to model plate waves in composite materials.

Grants, Awards & Prizes (since 2005)

- 2017, PI for STFC Urgency grant covering Euclid science, (7-months of PDRA suport, £58k)
- 2016, UK lead with Prof Gongbo Zhao (NAOC) for Royal Society Newton Advanced Fellowship (£111k)
- 2016, Chinese Academy of Sciences "Distinguished Scientist" PIFI fellowship 55,000 (Chinese Yuan), to give a lecture tour in Beijing and Shanghai.
- 2015, Co-I for STFC consolidated grant "Cosmology and Astrophysics at Portsmouth", ("Euclid science" theme awarded 10% Cost of Employment (COE) for WJP, 3-years of PDRA support)
- 2015, Portsmouth-lead for UK Space Agency (UKSA) grant for Data Pipeline work for the Euclid satellite mission (value for ICG £1.0M over 5 years)
- 2014, PI for UK Science & Technology Facilities Council (STFC) PPRP bid to join Dark Energy Spectroscopic Instrument (DESI) (covering 6 UK universities, £2.84M)
- 2014, PI for STFC Urgency grant covering Euclid science, (2-years of PDRA suport, £137k)
- 2014, PI for European Research Council (ERC) Consolidator grant "Darksurvey", (€2.1M).
- 2012, Co-I for STFC consolidated grant "Cosmology and Astrophysics at Portsmouth", ("large-scale structure" theme awarded 20% Cost of Employment (COE) for WJP, 3-years of PDRA support)
- 2012, Portsmouth-lead for UKSA grant "Euclid", (value for ICG £319k over 3 years)
- 2012, PI for Marie Curie International Incoming Fellowship for Dr Mat Pieri (€279k)
- 2010, PI for STFC standard grant "BigBOSS-UK Definition Phase", (£180k split across 3 universities, value for ICG £15k).
- 2010, Portsmouth-lead for STFC standard grant "Euclid Definition Phase", (25% COE for WJP, PDRA support for 18-months).
- 2008, Co-I for STFC departmental grant "Survey cosmology", ("large-scale structure" theme awarded 35% COE for WJP, 3-years of PDRA support).
- 2008, PI for ERC Starting grant "Measuring Dark Energy Properties using Galaxy Surveys", (€880k).
- 2008, Co-recipient of the RAS team award for the 2dF Galaxy Redshift Survey.

- 2008, UK Royal Astronomical Society (RAS) Fowler Prize awarded to "individuals who have made a noteworthy contribution at an early stage of their research career".
- 2007, Philip Leverhulme Prize awarded to "outstanding scholars (normally under the age of 36) who have made a substantial and recognised contribution to their particular field of study" (£70k).
- 2005, PPARC/STFC Advanced Fellowship, (£234k).

Leadership Positions in International Collaborations

- Co-chair of the Galaxy Clustering Working Group for the Euclid Consortium, co-coordinator of all science working groups and member of the Coordination Group. Euclid is a M-class satellite European Space Agency (ESA) mission due for launch 2020.
- Survey Scientist for the extended Baryon Oscillation Spectroscopic Survey, eBOSS, part of the Sloan Digital Sky Survey IV (SDSS-IV) project. eBOSS Architect status (a formal position acknowledging significant contribution to infrastructure work, giving rights to appear on collaboration publications).
- PI of DESI-UK consortium. Institutional representative for the DESI survey. Co-chair of the Quasar & Galaxy Clustering Working Group. Member of the Executive Committee.
- Previous co-chair of the BOSS Galaxy Clustering Working Group, which is part of SDSS-III. BOSS Architect status. SDSS-III Advisory Council member (2011-13).
- Previous co-chair of the Large-Scale Structure Working Group for the Dark Energy Survey, DES. DES Builder status (similar to Architect status for BOSS).
- Steering Committee member for VIMOS Public Extragalactic Redshift Survey, VIPERS.

Panel membership / Peer review

- UKSA Space Programme Advisory Committee (SPAC) (2014-present).
- STFC Newton Fund, UK-Thailand panel member, 2016
- European Space Agency Astronomy Working Group (2013-16).
- STFC Astronomy Grants Panel (2013-15). Astronomy Observation sub-panel chair 2015.
- Isaac Newton Group of Telescopes Science Advisory Committee (2011-13).
- European Astronet Working Group "next generation wide-field spectroscopy" (2009-11).
- External for three faculty hires at University of Sussex (2013), member of the internal faculty hire panels (2009, 2012, 2014).
- Habilitation reviewer for Henry McCracken, IAP Paris, 2011
- External DPhil examiner for Andrea Pezzotta (2017), Steven Murray (Perth, 2016), Linda Blot (Paris, 2015), Florent Leclercq (Paris, 2015), Matteo Chiesa (Milan, 2014), Davide Bianchi (Milan, 2014), Daniel Farrow (Durham, 2013), Jacobo Asorey (Barcelona, 2013), Johan Camparat (Marseille, 2013), David Alonso (Madrid, 2013), Alicia Bueno (Madrid, 2013), Florian Beutler (Western Cape, 2012), Filipe Abdalla (Oxford, 2006). Internal PhD examiner for Tom Melvin (2015), Gustav Stromback (2011), Tommaso Giannantonio (2008), Aamir Shafi (2006).
- Peer review for main journal letters & papers (MNRAS, ApJ, PRL, PRD, A&A), telescopes and grants for various national science agencies (including France, Holland, UK, USA)

Invited Talks & Seminars (2013-17)

Seminar presentations at: NAOC Beijing, Birmingham, Cambridge, Durham, Lancaster, Liverpool John Moores, Marseille, Milan, Nottingham, Shanghai Jiao Tong, Trieste, Wasterloo, Organiser for the Sesto meetings "BAO & RSD: Dark Light on Obscure Acronyms", July 2016, and "Getting ready for science. Euclid Galaxy Clustering under Science Performance Review", June 2017. *Invited* speaker at the following conferences and workshops:

- RAS meeting "Synergies between intensity mapping and optical galaxy surveys", London, April 2017, invited talk "Current and Future Spectroscopic Galaxy Surveys"

- TestingGravity2017, Vancouver Canada, January 2017, invited talk "Testing gravity with BOSS"
- 8th Bethe Center Workshop "Particle Physics meets Cosmology", Bad Honnef, Germany, October 2016, invited talk "Extracting Cosmological Information from Galaxy Redshift Surveys"
- CosKASI-ICG-NAOC-YITP workshop, Daejong, Korea, September 2016, invited talk "Unbiased contaminant removal for P(k) measurement"
- Dark side of the Universe 2015 conference, Kyoto Japan, December 2015, review talk "Cosmological Measurements from Galaxy Clustering"
- Annual Transregio conference "Workshop on Particles and Cosmology", Corfu Greece, September 2015, review talk "Baryon Acoustic Oscillation Measurements"
- "Realising the Astronomy of the Future" Wetton Workshop, University of Oxford, April 2015, review talk "Cosmological Measurements from Galaxy Clustering"
- "UK National Astronomy Meeting", University of Portsmouth, June 2014, talks "The Status of Modern Cosmology", & "The complementarity of DESI and Euclid".
- Conference "Ripples in the Cosmos", University of Durham, July 2013, talk "From current to future galaxy surveys".

Teaching / Mentoring

- PhD students: Kelly Nock (2006-10), James Cresswell (2005-10), Alvise Raccanelli (2008-11), Angela Burden (2011-14), Cullan Howlett (2012-15), Ben Kalus (2013-), Rossana Ruggeri (2014-), Paul Carter (2015-)
- Current mentor for PDRAs: Santiago Avila, Florian Beutler, Davide Bianchi, Florent Leclercq, Dida Markovic, Eva-Maria Mueller, Jennifer Pollack
- Previous mentor for PDRAs: Emma Beynon (2012-13), Leonidas Christodoulou (2012-13), Marc Manera (2010-13), Rita Tojeiro (2008-14), Lado Samushia (2009-14), Ashley Ross (2009-14), Angela Burden (2014-15), Hector Gil-Marin (2011-15)
- Postgraduate lectures on Observational Cosmology (2008-12,16-17), Large-Scale structure (2013-15)
- Undergraduate lectures on Mathematical Methods (2012-13), Statistics (2011-12).

Graduate School Lecture Courses

- Cosmology on the beach, Playa del Carmen, Mexico, 2016
- ISAPP 2015 cosmology summer school, Paris, France, 2015
- XIIth School of Cosmology, IESC Cargese Corsica, France, 2014
- Spring School 'Bruno Touschek', Frascati National Laboratory, Italy, 2014
- Cosmology Summer School, Les Houches France, 2013
- Enrico Fermi Summer School in Cosmology, Varenna Italy, 2013
- ICTP Summer School of Cosmology, Trieste, Italy, 2012
- Japanese astronomy summer school, Okinawa, Japan, 2009
- TUBITAK national observatory graduate-school, Antalya, Turkey, 2009
- Block Course graduate-school, Bielefeld, Germany, 2009
- Winter School "Cosmological Theory for Observers", Passo Tonale, Italy, 2007
- Third Aegean Summer School "The Invisible Universe", Chios, Greece, 2005

Public Outreach

- Involved in the press release announcing the final galaxy clustering measurements from BOSS, including radio interview, July 2016

- Chair of press conference announcing the BOSS results in 2012, resulting in a number of press articles, including on the BBC website.
- Featured in the Research Councils UK publication "Impacts", June 2010.
- Portrait taken as part of the "International Year of Astronomy" exhibit, September 2009, website.
- Article and photo in Times Higher Education Supplement, November 2007.
- Involved in a number of press releases and follow-up articles related to analyses of the 2dF Galaxy Redshift Survey, and the Sloan Digital Sky Survey.
- Recent public talks: Solent astronomical society (2017), Stargazing Live (2017), King Edward VI school Southampton (2016), Northern Ireland Amateur Astronomy Society (2015), Andover astronomical Society (2015), Winchester Science Festival (2015).

Astrophysics Publications in Refereed Journals

199 refereed main journal papers, which have collectively been cited 25,685 times (source: ADS, 1/2/17). Of these, a major role was played in the science contributing to 108, the others being collaboration papers where input was through collaboration activity including editing draft papers and contributions to producing the data sets including both management and practical work. H-index $h = 69$ (i.e. 69 papers with > 69 citations), with 55 papers having more than 100 citations.

Papers where a significant contribution was made to the science

199. **W.J. Percival**, D. Bianchi, *Using angular pair upweighting to improve 3D clustering measurements*, 2017, [arXiv:1703.02071]
198. D. Bianchi, **W.J. Percival**, *Unbiased clustering estimation in the presence of missing observations*, 2017, [arXiv:1703.02070]
197. E.-M. Mueller, **W.J. Percival**, R. Ruggeri, *Optimising primordial non-Gaussianity measurements from galaxy surveys*, 2017, [arXiv:1702.05088]
196. E.-M. Mueller, **W.J. Percival**, E. Linder, S. Alam, G.-B. Zhao, A.G. Sanchez, F. Beutler, *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: constraining modified gravity*, 2016, [arXiv:1612.00812]
195. S. Alam, (+71 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological analysis of the DR12 galaxy sample*, 2016, [arXiv:1607.03155]
194. B. Kalus, **W.J. Percival**, D. Bacon, L. Samushia, *Unbiased contaminant removal for 3D galaxy power spectrum measurements*, 2016, MNRAS 463, 467 [arXiv:1607.02417]
193. D. Markovic, (+9 co-authors including **W.J. Percival**), *Large-scale retrospective relative spectro-photometric self-calibration in space*, 2016, [arXiv:1606.07061]
192. H. Gil-Marin, (+7 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: RSD measurement from the power spectrum and bispectrum of the DR12 BOSS galaxies*, 2017, MNRAS 465, 1757 [arXiv:1606.00439]
191. R. Ruggeri, **W.J. Percival**, H. Gil-Marin, F. Zhu, G.-B. Zhao, Y. Wang, *Optimal Redshift Weighting For Redshift Space Distortions*, 2017, MNRAS 464, 2698 [arXiv:1602.05195]
190. D. Bianchi, **W.J. Percival**, J. Bel, *Improving the modelling of redshift-space distortions - II. A pairwise velocity model covering large and small scales*, 2016, MNRAS 463, 3783 [arXiv:1602.02780]
189. G.-B. Zhao, (+31 co-authors including **W.J. Percival**), *The extended Baryon Oscillation Spectroscopic Survey (eBOSS): a cosmological forecast*, 2016, MNRAS 457, 2377 [arXiv:1510.08216]

188. B. Reid, (+41 co-authors including **W.J. Percival** as corresponding author), *SDSS-III Baryon Oscillation Spectroscopic Survey Data Release 12: galaxy target selection and large scale structure catalogues*, 2016, MNRAS 455, 1553 [arXiv:1509.06529]

187. H. Gil-Marín, **W.J. Percival**, (+14 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: RSD measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies*, 2016, MNRAS 460, 4188 [arXiv:1509.06386]

186. H. Gil-Marín, **W.J. Percival**, (+16 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: BAO measurement from the LOS-dependent power spectrum of DR12 BOSS galaxies*, 2016, MNRAS 460, 4210 [arXiv:1509.06373]

185. K.S. Dawson, J.-P. Kneib, **W.J. Percival**, (+142 co-authors), *The SDSS-IV extended Baryon Oscillation Spectroscopic Survey: Overview and Early Data*, 2016, AJ 151, 44 [arXiv:1508.04473]

184. B. Kalus, **W.J. Percival**, L. Samushia, *Do we need model-dependent covariances when we test cosmological models with galaxy power spectra?*, 2015, MNRAS 455, 2573 [arXiv:1504.03979]

183. F. Pace, M. Manera, D.J. Bacon, R. Crittenden, **W.J. Percival**, *The importance of the cosmic web and halo substructure for power spectra*, 2015, MNRAS 454, 708 [arXiv:1503.04324]

182. C. Howlett, M. Manera, **W.J. Percival**, *L-PICOLA: A parallel code for fast dark matter simulation*, 2015, Astronomy & Computing 12, 109 [arXiv:1506.03737]

181. A. Burden, **W.J. Percival**, C., Howlett, *Reconstruction in Fourier space*, 2015 MNRAS 453, 456 [arXiv:1504.02591]

180. D. Bianchi, H. Gil-Marin, R. Ruggeri, **W.J. Percival**, *Measuring line-of-sight dependent Fourier-space clustering using FFTs*, 2015, MNRAS 453, L11 [arXiv:1505.05341]

179. L. Samushia, E. Branchini, **W.J. Percival**, *Geometric Biases in Power-Spectrum Measurements*, 2015 MNRAS 452, 3704 [arXiv:1504.02135]

178. H. Gil-Marín, L. Verde, J. Noreña, A.J. Cuesta, L. Samushia, **W.J. Percival**, C. Wagner, M. Manera, D.P. Schneider, *The power spectrum and bispectrum of SDSS DR11 BOSS galaxies II: cosmological interpretation*, 2015, MNRAS 452, 1914 [arXiv:1408.0027]

177. A.J. Ross, **W.J. Percival**, M. Manera, *The Information Content of Anisotropic Baryon Acoustic Oscillation Scale Measurements*, 2015, MNRAS 451, 1331 [arXiv:1501.05571]

176. H. Gil-Marín, J. Noreña, L. Verde, **W. J. Percival**, C. Wagner, M. Manera, D.P. Schneider, *The power spectrum and bispectrum of SDSS DR11 BOSS galaxies I: bias and gravity*, 2015, MNRAS 451, 539 [arXiv:1407.5668]

175. C. Howlett, A.J. Ross, L. Samushia, **W.J. Percival**, M. Manera, *The Clustering of the SDSS Main Galaxy Sample II: Mock galaxy catalogues and a measurement of the growth of structure from Redshift Space Distortions at* $z = 0.15$, 2015, MNRAS 449, 848 [arXiv:1409.3238]

174. A.J. Ross, L. Samushia, C. Howlett, **W.J. Percival**, A. Burden, M. Manera, *The Clustering of the SDSS DR7 Main Galaxy Sample I: A 4 per cent Distance Measure at* $z = 0.15$, 2015, MNRAS 449, 835 [arXiv:1409.3242]

173. H. Gil-Marín, C. Wagner, J. Noreña, L. Verde, **W. J. Percival**, *Dark matter and halo bispectrum in redshift space: theory and applications*, 2014, JCAP 12, 29 [arXiv:1407.1836]

172. M. Manera, (+9 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: mock galaxy catalogues for the low-redshift sample*, 2014, MNRAS 447, 437 [arXiv:1401.4171]

171. A. Burden, **W.J. Percival**, M. Manera, A.J. Cuesta, M. Vargas-Magana, S. Ho, *Efficient Reconstruction of Linear Baryon Acoustic Oscillations in Galaxy Surveys*, 2014, MNRAS 445, 3152 [arXiv:1408.1348]

170. M. Vargas-Magana, (+14 co-authors including **W.J. Percival**), *SDSS-III Baryon Oscillation Spectroscopic Survey: Analysis of Potential Systematics in Fitting of Baryon Acoustic Feature*, 2014, MNRAS 445, 2 [arXiv:1312.4996]

169. F. Beutler (+14 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Signs of neutrino mass in current cosmological datasets*, 2014, MNRAS 444, 3501 [arXiv:1403.4599]

168. F. Beutler, (+17 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Testing gravity with redshift-space distortions using the power spectrum multipoles*, 2014, MNRAS 443, 1065 [arXiv:1312.4611]

167. L. Anderson, (+64 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in the Data Release 10 and 11 galaxy samples*, 2014, MNRAS 441, 24 [arXiv:1312.4877]

166. T. Giannantonio, **W.J. Percival**, *Using correlations between CMB lensing and large-scale structure to measure primordial non-Gaussianity*, 2014, MNRAS 441, 16 [arXiv:1312.5154]

165. A.G. Sanchez, (+27 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the full shape of the clustering wedges in the data release 10 and 11 galaxy samples*, 2014, MNRAS 440, 2692 [arXiv:1312.4854]

164. R. Tojeiro, (+21 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: galaxy clustering measurements in the low redshift sample of Data Release 11*, 2014, MNRAS 440, 2222 [arXiv:1401.1768]

163. L. Samushia, B.A. Reid, M. White, **W.J. Percival** (+26 co-authors), *The Clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Measuring growth rate and geometry with anisotropic clustering*, 2014, MNRAS, 439, 3504 [arXiv:1312.4899]

162. **W.J. Percival**, (+21 co-authors), *The Clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Including covariance matrix errors*, 2014, MNRAS, 439, 2531 [arXiv:1312.4841]

161. L. Anderson, (+38 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Measuring D_A and H at $z = 0.57$ from the Baryon Acoustic Peak in the Data Release 9 Spectroscopic Galaxy Sample*, 2014, MNRAS, 439, 83 [arXiv:1303.4666]

160. A.J. Ross, (+29 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III DR10 Baryon Oscillation Spectroscopic Survey: no detectable colour dependence of distance scale or growth rate measurements*, 2014, MNRAS 437, 1109 [arXiv:1310.1106]

159. T. Giannantonio, A.J. Ross, **W.J. Percival**, (+5 co-authors), *Improved Primordial Non-Gaussianity Constraints from Measurements of Galaxy Clustering and the Integrated Sachs-Wolfe Effect*, 2014, PRD, 89, 3511 [arXiv:1303.1349]

158. G. Zhao, S. Saito, **W.J. Percival**, (+15 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: weighing the neutrino mass using the galaxy power spectrum of the CMASS sample*, 2013, MNRAS 436, 2038 [arXiv:1211.3741]

157. A. Raccanelli, (+9 co-authors including **W.J. Percival**), *Testing Gravity Using Large-Scale Redshift-Space Distortions*, 2013, MNRAS 436, 89 [arXiv:1207.0500]

156. E.A. Kazin, (+21 co-authors including **W.J. Percival**), *The Clustering of Galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Measuring $H(z)$ and $D_A(z)$ at $z = 0.57$ with Clustering Wedges*, 2013, MNRAS 435, 64 [arXiv:1303.4391]

155. C.G. Scóccola, (+16 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: constraints on the time variation of fundamental constants from the large-scale two-point correlation function*, 2013, MNRAS 434, 1792 [arXiv:1209.1394]

154. A.G. Sanchez, (+22 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological constraints from the full shape of the clustering wedges*, 2013, MNRAS 433, 1202 [arXiv:1303.4396]

153. R. Tojeiro, K.L. Masters, J. Richards, **W.J. Percival**, (+5 co-authors), *The different star-formation histories of blue and red spiral and elliptical galaxies* , 2013, MNRAS 432, 359 [arXiv:1303.3551]

152. L. Samushia, B.A. Reid, M. White, **W.J. Percival** (+18 co-authors), *The Clustering of Galaxies in the SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: Testing Deviations from Λ and General Relativity using anisotropic clustering of galaxies*, 2013, MNRAS 429, 1514 [arXiv:1206.5309]

151. A. Ross, **W.J. Percival**, (+37 co-authors), *The Clustering of Galaxies in SDSS-III DR9 Baryon Oscillation Spectroscopic Survey: Constraints on Primordial Non-Gaussianity*, 2013, MNRAS 428, 1116 [arXiv:1208.1491]

150. M. Manera, R. Scoccimarro, **W.J. Percival** (+17 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: a large sample of mock galaxy catalogues*, 2013, MNRAS 428, 1036 [arXiv:1203.6609]

149. A. Bueno Belloso, G.W. Pettinari, N. Meures, **W.J. Percival**, *Using galaxy pairs as cosmological tracers*, 2012, PRD, 86, 023530 [arXiv:1204.5761]

148. L. Anderson, (+75 alphabetically ordered co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in the Data Release 9 Spectroscopic Galaxy Samples*, 2012, MNRAS 427, 3435 [arXiv:1203.6594]

147. B.A. Reid, L. Samushia, M. White, **W.J. Percival** (+43 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measurements of the growth of structure and expansion rate at $z = 0.57$ from anisotropic clustering*, 2012, MNRAS, 426, 2719 [arXiv:1203.6641]

146. A.G. Sanchez, C.G. Scoccola, A. J. Ross, **W.J. Percival** (+52 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the large-scale two-point correlation function*, 2012, MNRAS, 425, 415 [arXiv:1203.6616]

145. R. de Putter, C. Wagner, O. Mena, L Verde, **W.J. Percival**, *Thinking Outside the Box: Effects of Modes Larger than the Survey on Matter Power Spectrum Covariance*, 2012, JCAP 04, 019 [arXiv:1111.6596]

144. R. Tojeiro, **W.J. Percival** (+22 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: measuring structure growth using passive galaxies*, 2012, MNRAS, 424, 2339 [arXiv:1203.6565]

143. E. Majerotto, L. Guzzo, L. Samushia, **W.J. Percival** (+10 co-authors), *Probing deviations from General Relativity with the Euclid spectroscopic survey*, 2012, MNRAS 424, 1392 [arXiv:1205.6215]

142. A. Raccanelli, (+13 co-authors including **W.J. Percival**), *Cosmological Measurements with Forthcoming Radio Continuum Surveys*, 2012, MNRAS, 424, 801 [arXiv:1108.0930]

141. A. Ross, **W.J. Percival** (+39 co-authors), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Analysis of potential systematics*, 2012, MNRAS, 424, 564 [arXiv:1203.6499]

140. R. Tojeiro, **W.J. Percival** (+22 co-authors), *The progenitors of present-day massive red galaxies up to $z \sim 0.7$ - finding passive galaxies using SDSS-I/II and SDSS-III*, 2012, MNRAS, 424, 136 [arXiv:1202.6241]

139. C. Shapiro, R.G. Crittenden, **W.J. Percival**, *The Complementarity of Redshift-space Distortions and the Integrated Sachs-Wolfe Effect*, 2012, MNRAS 422, 2341 [arXiv:1109.1981]

138. **W.J. Percival**, L. Samushia, A.J. Ross, C. Shapiro, A. Raccanelli, *Redshift-space distortions*, 2011, Phil. Trans. R. Soc. A, 369, 1957

137. L. Samushia, **W.J. Percival**, A. Raccanelli, *Interpreting large-scale redshift-space distortion measurements*, 2011, MNRAS, 420, 2102 [arXiv:1102.1014]

136. A. Ross, S. Ho, Antonio J. Cuesta, R. Tojeiro, **W.J. Percival**, (+27 co-authors) *Ameliorating Systematic Uncertainties in the Angular Clustering of Galaxies: A Study using SDSS-III*, 2011, MNRAS, 417, 1350 [arXiv:1105.2320]

135. R. Tojeiro, **W.J. Percival**, *Disentangling star formation and merger growth in the evolution of Luminous Red Galaxies*, 2011, MNRAS, 417, 1114 [arXiv:1103.2700]

134. A.J. Ross, **W.J. Percival**, M. Crocce, A. Cabre, E. Gaztanaga, *Measuring Redshift-Space Distortions using Photometric Surveys*, 2011, MNRAS, 415, 2193 [arXiv:1102.0968]

133. A.J. Ross, R. Tojeiro, **W.J. Percival**, *Understanding the faint red galaxy population using large-scale clustering measurements from SDSS DR7*, 2011, MNRAS, 413, 2078 [arXiv:1010.1403]

132. R. Tojeiro, **W.J. Percival**, A. F. Heavens, R. Jimenez, *The stellar evolution of Luminous Red Galaxies, and its dependence on colour, redshift, luminosity and modelling*, 2011, MNRAS, 413, 434 [arXiv:1011.2346]

131. L. Samushia, **W.J. Percival**, L. Guzzo, Y. Wang, A. Cimatti, C. Baugh, J. E. Geach, C. Lacey, E. Majerotto, P. Mukherjee, A. Orsi, *Effects of cosmological model assumptions on galaxy redshift survey measurements*, 2011, MNRAS, 410, 1993 [arXiv:1006.0609]

130. A. Raccanelli, L. Samushia, **W.J. Percival**, *Simulating Redshift-Space Distortions for galaxy pairs with wide angular separation*, 2010, MNRAS, 409, 1525 [arXiv:1006.1652]

129. M. Swanson, **W.J. Percival**, O. Lahav, *Neutrino masses from clustering of red and blue galaxies: a test of astrophysical uncertainties*, 2010, MNRAS 409, 1100 [arXiv:1006.2825]

128. Y. Wang, **W.J. Percival**, (+14 co-authors), *Designing a space-based galaxy redshift survey to probe dark energy*, 2010, MNRAS, 409, 737 [arXiv:1006.3517]

127. K. Nock, **W.J. Percival**, A.J. Ross, *The effect of redshift-space distortions on projected 2-pt clustering measurements*, 2010, MNRAS, 407, 520 [arXiv:1003.0896]

126. A.J. Ross, **W.J. Percival**, R.J. Brunner, *Evolution of the Clustering of Photometrically Selected SDSS Galaxies*, 2010, MNRAS, 407, 420 [arXiv:1002.1476]

125. R. Tojeiro, **W.J. Percival**, *The evolution of Luminous Red Galaxies in the Sloan Digital Sky Survey 7th data release*, 2010, MNRAS, 405, 2534 [arXiv:1001.2015]

124. Beth A. Reid, **W.J. Percival**, (+28 co-authors), *Cosmological Constraints from the Clustering of the Sloan Digital Sky Survey DR7 Luminous Red Galaxies*, 2010, MNRAS, 404, 60 [arXiv:0907.1659]

123. J.E. Geach, A. Cimatti, **W.J. Percival**, (+12 co-authors), *Empirical Hα emitter count predictions for dark energy surveys*, 2010, MNRAS, 402, 1330 [arXiv:0911.0686]

122. Lampeitl H., (+30 co-authors including **W.J. Percival**), *First-year Sloan Digital Sky Survey-II supernova results: consistency and constraints with other intermediate-redshift data sets*, 2010, MNRAS, 401, 2331 [arXiv:0910.2193]

121. **W.J. Percival**, (+27 co-authors), *Baryon Acoustic Oscillations in the Sloan Digital Sky Survey Data Release 7 Galaxy Sample*, 2010, MNRAS, 401, 2148 [arXiv:0907.1660]

120. Y.-S. Song, **W.J. Percival**, *Reconstructing the History of Structure Formation using Peculiar Velocities*, 2009, JCAP, 10, 004 [arXiv:0807.0810]

119. M. White, Y.-S. Song, **W.J. Percival**, *Forecasting Cosmological Constraints from Redshift Surveys*, 2009, MNRAS, 397, 1348 [arXiv:0810.1518]

118. **W.J. Percival**, M. White, *Testing Cosmological Structure Formation using Redshift-Space Distortions*, 2009, MNRAS, 393, 297 [arXiv:0808.0003]

117. J.G. Cresswell, **W.J. Percival**, *Large-Scale Galaxy Bias in the SDSS as a function of Luminosity and Colour*, 2009, MNRAS, 392, 682 [arXiv:0808.1101]

116. **W.J. Percival**, B.M. Schäfer, *Galaxy peculiar velocities and evolution-bias*, 2008, MNRAS, 385, L78 [arXiv:0712.2729]

115. **W.J. Percival**, S. Cole, D. Eisenstein, R. Nichol, J.A. Peacock, A. Pope, A. Szalay, *Measuring the Baryon Acoustic Oscillation scale using the SDSS and 2dFGRS*, 2007, MNRAS, 381, 1053 [arXiv:0705.3323]

114. **W.J. Percival**, (+16 co-authors), *The Shape of the Sloan Digital Sky Survey Data Release 5 Galaxy Power Spectrum*, 2007, ApJ, 657, 645 [arXiv:0608636]

113. **W.J. Percival**, (+14 co-authors), *Measuring the Matter Density Using Baryon Oscillations in the SDSS*, 2007, ApJ, 657, 51 [arXiv:0608635]

112. **W.J. Percival**, M.L. Brown, *likelihood techniques for the combined analysis of temperature and polarisation CMB power spectra*, 2006, MNRAS, 372, 1104 [arXiv:0604547]

111. L. Miller, **W.J. Percival**, S.M. Croom, *The cosmological history of accretion onto supermassive black holes*, 2006, A&A, 459, 43 [arXiv:0608202]

110. A.G. Sanchez-Vendramini, C.M. Baugh, **W.J. Percival**, J.A. Peacock, N.D. Padilla, S. Cole, C.S. Frenk, P. Norberg, *Cosmological parameters from CMB measurements and the final 2dFGRS power spectrum*, 2006, MNRAS, 366, 189 [arXiv:0507583]

109. **W.J. Percival**, *Cosmological structure formation in a homogeneous dark energy background*, 2005, A&A, 443, 819 [arXiv:0508156]

108. S. Cole, **W.J. Percival**, (+27 co-authors), *The 2dF Galaxy Redshift Survey: power spectrum*, 2005, MNRAS, 362, 505 [arXiv:0501174]

107. C.J. Willott, **W.J. Percival**, R.J. McLure, D. Crampton, J.B. Hutchings, M.J. Jarvis, M. Sawicki, L. Simard, *Imaging of SDSS $z > 6$ quasar fields: gravitational lensing, companion galaxies and the host dark matter halos*, 2005, ApJ, 626, 657 [arXiv:0503202]

106. E. van Kampen, **W.J. Percival**, (+10 co-authors), *The extragalactic sub-mm population: predictions for the SCUBA Half-Degree Extragalactic Survey (SHADES)*, 2005, MNRAS, 359, 469 [arXiv:0408552]

105. **W.J. Percival**, *Markov-chain reconstruction of the 2dF Galaxy Redshift Survey real-space power spectrum*, 2005, MNRAS, 356, 1168 [arXiv:0410631]

104. D.J.E. Floyd, M.J. Kukula, J.S. Dunlop, R.J. McLure, L. Miller, **W.J. Percival**, S.A. Baum, C.P. O'Dea, *The host galaxies of luminous quasars*, 2004, MNRAS, 355, 196 [arXiv:0308436]

103. **W.J. Percival**, (+28 co-authors), *The 2dF Galaxy Redshift Survey: Spherical Harmonics analysis of fluctuations in the final catalogue*, 2004, MNRAS, 353, 1201 [arXiv:0406513]

102. **W.J. Percival**, L. Verde, J.A. Peacock, *Fourier analysis of luminosity-dependent galaxy clustering*, 2004, MNRAS, 347, 645 [arXiv:0306511]

101. J.A. Stevens, R.J. Ivison, J.S. Dunlop, I.R. Smail, **W.J. Percival**, D.H. Hughes, H.J.A. Röttgering, W.J.M. van Breugel, M. Reuland, *The formation of cluster elliptical galaxies as revealed by extensive star formation*, 2003, Nature, 425, 264 [arXiv:0309495]

100. **W.J. Percival**, D. Scott, J.A. Peacock, J.S. Dunlop, *The clustering of halo mergers*, 2003, MNRAS, 338, L31 [arXiv:0211599]

99. **W.J. Percival**, (+26 co-authors), *Parameter constraints for flat cosmologies from CMB and 2dFGRS power spectra*, 2002, MNRAS, 337, 1068 [arXiv:0206256]

98. O. Elgaroy, O. Lahav, **W.J. Percival**, (+27 co-authors), *A new upper limit on the total neutrino mass from the 2dF Galaxy Redshift Survey*, 2002, PRL, 89, 061301 [arXiv:0204152]

97. L. Verde, A. F. Heavens, **W.J. Percival**, (+27 co-authors), *The 2dF Galaxy Redshift Survey: The bias of galaxies and the density of the Universe*, 2002, MNRAS, 335, 432 [arXiv:0112161]

96. O. Lahav, S.L. Bridle, **W.J. Percival**, (+26 co-authors), *The 2dF Galaxy Redshift Survey: The amplitudes of fluctuations in the 2dFGRS and the CMB, and implications for galaxy biasing*, 2002, MNRAS, 333, 961 [arXiv:0112162]

95. G. Efstathiou, S. Moody, J.A. Peacock, **W.J. Percival**, (+23 co-authors), *Evidence for a non-zero Lambda and a low matter density from a combined analysis of the 2dF Galaxy Redshift Survey and Cosmic Microwave Background Anisotropies*, 2002, MNRAS, 330, 29 [arXiv:0109152]

94. **W.J. Percival**, *The build-up of halos within Press-Schechter theory*, 2001, MNRAS, 327, 1313 [arXiv:0107437]

93. **W.J. Percival**, (+26 co-authors), *The 2dF Galaxy Redshift Survey: The power spectrum and the matter content of the universe*, 2001, MNRAS, 327, 1297 [arXiv:0105252]

92. M.J. Kukula, J.S. Dunlop, R.J. McLure, L. Miller, **W.J. Percival**, C. O'Dea & S. Baum, *NICMOS observations of quasar host galaxies at $z = 1$ and $z = 2$*, 2001, MNRAS, 326, 1533 [arXiv:0010007]

91. **W.J. Percival**, L. Miller, R.J. McLure & J.S. Dunlop, *The host galaxies of luminous radio-quiet quasars*, 2001, MNRAS, 322, 843 [arXiv:0002199]

90. **W.J. Percival**, L. Miller & J.A. Peacock, *An analytic model for the epoch of halo creation*, 2000, MNRAS, 318, 273 [arXiv:0002328]

89. **W.J. Percival** & L. Miller, *Cosmological evolution and hierarchical galaxy formation*, 1999, MNRAS, 309, 823 [arXiv:9906204]

Other collaboration papers

88. A. Raichoor, (24 co-authors including **W.J. Percival**), *The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: final Emission Line Galaxy Target Selection*, 2017, [arXiv:1703.00338]

87. M.R. Blanton, (352 co-authors including **W.J. Percival**), *Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies and the Distant Universe*, 2017, [arXiv:1703.00052]

86. G.-B. Zhao, (24 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Examining the observational evidence for dynamical dark energy*, 2017, [arXiv:1701.08165]

85. M. Scodeggio, (44 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). Full spectroscopic data and auxiliary information release (PDR-2)*, 2016, [arXiv:1611.07048]

84. A. Hawken, (35 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey: Measuring the growth rate of structure around cosmic voids*, 2016, [arXiv:1611.07046]

83. S. Rota, (39 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). The matter density and baryon fraction from the galaxy power spectrum at redshift* $0.6 < z < 1.1$, 2016, [arXiv:1611.07044]

82. T. Delubac, (19 co-authors including **W.J. Percival**), *The SDSS-IV eBOSS: emission line galaxy catalogues at z=0.8 and study of systematic errors in the angular clustering*, 2017, MNRAS 465, 1831 [arXiv:1611.06934]

81. A. Amir, (261 alphabetically ordered co-authors including **W.J. Percival**), *The DESI Experiment Part II: Instrument Design*, 2016, [arXiv:1611.00037]

80. A. Amir, (261 alphabetically ordered co-authors including **W.J. Percival**), *The DESI Experiment Part I: Science, Targeting, and Survey Design*, 2016, [arXiv:1611.00036]

79. M. Vargas-Magana, (20 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: theoretical systematics and Baryon Acoustic Oscillations in the galaxy correlation function*, 2016, [arXiv:1610.03506]

78. J. Prat, (70 co-authors including **W.J. Percival**), *Galaxy bias from galaxy-galaxy lensing in the DES Science Verification Data*, 2016, [arXiv:1609.08167]

77. F.D. Alberti, (339 co-authors including **W.J. Percival**), *The Thirteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory*, 2016, [arXiv:1608.02013]

76. Z. Slepian, (14 co-authors including **W.J. Percival**), *Constraining the Baryon-Dark Matter Relative Velocity with the Large-Scale 3-Point Correlation Function of the SDSS BOSS DR12 CMASS Galaxies*, 2016, [arXiv:1607.06098]

75. Z. Slepian, (13 co-authors including **W.J. Percival**), *Detection of Baryon Acoustic Oscillation Features in the Large-Scale 3-Point Correlation Function of SDSS BOSS DR12 CMASS Galaxies*, 2016, [arXiv:1607.06097]

74. Y. Wang, (22 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in configuration space*, 2016, [arXiv:1607.03154]

73. G.-B. Zhao, (27 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: tomographic BAO analysis of DR12 combined sample in Fourier space*, 2017, MNRAS 466, 762 [arXiv:1607.03153]

72. M. Pellejero-Ibanez, (30 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: double-probe measurements from BOSS galaxy clustering & Planck data – towards an analysis without informative priors*, 2016, [arXiv:1607.03152]

71. C.-H. Chuang, (28 co-authors including **W.J. Percival**), *The Clustering of Galaxies in the Completed SDSS-III Baryon Oscillation Spectroscopic Survey: single-probe measurements from DR12 galaxy clustering – towards an accurate model*, 2016, [arXiv:1607.03151]

70. F. Beutler, (22 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Anisotropic galaxy clustering in Fourier-space*, 2017, MNRAS 466, 2242 [arXiv:1607.03150]

69. F. Beutler, (28 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in Fourier-space*, 2017, MNRAS 464, 3409 [arXiv:1607.03149]

68. S. Satpathy, (18 co-authors including **W.J. Percival**), *BOSS DR12 combined galaxy sample: The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: On the measurement of growth rate using galaxy correlation functions*, 2016, [arXiv:1607.03148]

67. A.G. Sanchez, (23 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: cosmological implications of the configuration-space clustering wedges*, 2017, MNRAS 464, 1640 [arXiv:1607.03147]

66. A.G. Sanchez, (19 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: combining correlated Gaussian posterior distributions*, 2017, MNRAS 464, 1493 [arXiv:1607.03146]

65. A.J. Ross, (29 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Observational systematics and baryon acoustic oscillations in the correlation function*, 2017, MNRAS 464, 1168 [arXiv:1607.03145]

64. S. Salazar-Albornoz, (19 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Angular clustering tomography and its cosmological implications*, 2016, [arXiv:1607.03144]

63. J.N. Grieb, (27 co-authors including **W.J. Percival**), *The clustering of galaxies in the completed SDSS-III Baryon Oscillation Spectroscopic Survey: Cosmological implications of the Fourier space wedges of the final sample*, 2016, [arXiv:1607.03143]

62. T. Abbott, (135 co-authors including **W.J. Percival**), *The Dark Energy Survey: more than dark energy - an overview*, 2016, MNRAS 460, 1270 [arXiv:1601.00329]

61. Z. Slepian, (17 co-authors including **W.J. Percival**), *The large-scale 3-point correlation function of the SDSS BOSS DR12 CMASS galaxies*, 2015, [arXiv:1512.02231]

60. F.-S. Kitaura, (17 co-authors including **W.J. Percival**), *Signatures of the Primordial Universe from Its Emptiness: Measurement of Baryon Acoustic Oscillations from Minima of the Density Field*, 2016, PRL 116, 1301 [arXiv:1512.04405]

59. S. Jouvel, (66 co-authors including **W.J. Percival**), *Photometric redshifts and clustering of emission line galaxies selected jointly by DES and eBOSS*, 2015, [arXiv:1509.07121]

58. F.-S. Kitaura, (22 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Mock galaxy catalogues for the final BOSS Data Release*, 2016, MNRAS 456, 4156 [arXiv:1509.06400]
57. A.J. Cuesta, (22 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations in the correlation function of LOWZ and CMASS galaxies in Data Release 12*, 2016, MNRAS 457, 1770 [arXiv:1509.06371]
56. J. Comparat, (85 co-authors including **W.J. Percival**), *The SDSS-IV eBOSS emission-line galaxy pilot survey*, 2016, A&A 592, 121 [arXiv:1509.05045]
55. A. Prakash, (28 co-authors including **W.J. Percival**), *The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: Luminous Red Galaxy Target Selection*, 2016, ApJS 224, 34 [arXiv:1508.04478]
54. A. Myers, (38 co-authors including **W.J. Percival**), *The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: Quasar Target Selection*, 2015, ApJS 221, 27 [arXiv:1508.04472]
53. E. Suchyta, (74 co-authors including **W.J. Percival**), *No galaxy left behind: accurate measurements with the faintest objects in the Dark Energy Survey*, 2016, MNRAS 457, 786 [arXiv:1507.08336]
52. B. Leistedt, (94 co-authors including **W.J. Percival**), *Mapping and simulating systematics due to spatially-varying observing conditions in DES Science Verification data*, 2016, ApJS 226, 24 [arXiv:1507.05647]
51. T. Giannantonio, (102 co-authors including **W.J. Percival**), *CMB lensing tomography with the DES Science Verification galaxies*, 2016, MNRAS 456, 3213 [arXiv:1507.05551]
50. M. Crocce, (85 co-authors including **W.J. Percival**), *Galaxy clustering, photometric redshifts and diagnosis of systematics in the DES Science Verification data*, 2015, MNRAS 455, 4301 [arXiv:1507.05360]
49. B.R. Granett, (45 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS): Reconstruction of the redshift-space galaxy density field*, 2015, A&A 583, 61 [arXiv:1505.06337]
48. A. Raichoor, (+28 co-authors including **W.J. Percival**), *The SDSS-IV extended Baryonic Oscillation Spectroscopic Survey: selecting Emission Line Galaxies using the Fisher Discriminant*, 2015, A&A 585 50 [arXiv:1505.01797]
47. J. Bel, (+47 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). On the recovery of the count-in-cell probability distribution function*, 2016, A&A 588, 51 [arXiv:1505.00442]
46. S. Alam, (+273 co-authors including **W.J. Percival**), *The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III*, 2015, [arXiv:1501.00963]
45. E. Aubourg, (+92 co-authors including **W.J. Percival**), *Cosmological implications of baryon acoustic oscillation (BAO) measurements* 2015, PRD 92, 9213516, [arXiv:1411.1074]
44. C. Di Porto, (+48 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). Measuring nonlinear galaxy bias at* $z \sim 0.8$, 2016, A&A 594, 62, [arXiv:1406.6692]
43. M. Tonegawa, (+25 co-authors including **W.J. Percival**), *The Subaru FMOS Galaxy Redshift Survey (FastSound). I. Overview of the Survey Targeting on Hα Emitters at* $z \sim 1.4$, 2015, PASJ 67, 81 [arXiv:1502.07900]
42. A. Cappi, (+49 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). Hierarchical scaling and biasing*, 2015, A&A 579, 70 [arXiv:1505.05347]
41. D. Micheletti, (+48 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey - Searching for Cosmic Voids*, 2014, A&A, 570, 106 [arXiv:1407.2969]
40. L. Guzzo, (+49 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). An unprecedented view of galaxies and large-scale structure at* $0.5 < z < 1.2$, 2014, A&A, 566, 108 [arXiv:1303.2623]
39. M.T. Soumagnac, (+19 co-authors including **W.J. Percival**), *Star/galaxy separation at faint magnitudes: Application to a simulated Dark Energy Survey*, 2015, MNRAS 450, 666 [arXiv:1306.5236]

38. C.P. Ahn, (+232 co-authors including **W.J. Percival**), *The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment*, 2014, ApJS, 211, 17 [arXiv:1307.7735]

37. L. Guzzo, (+51 co-authors including **W.J. Percival**), *VIPERS: An Unprecedented View of Galaxies and Large-Scale Structure Halfway Back in the Life of the Universe*, 2013, ESO Messenger, 151, 41 [arXiv:1303.3930]

36. A. Fritz, (+48 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS): A quiescent formation of massive red-sequence galaxies over the past 9 Gyr*, 2013, A&A, 563, 92 [arXiv:1401.6137]

35. J. Bel, (+49 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS): Ω_m from the galaxy clustering ratio measured at $z \sim 1$*, 2014, A&A, 563, 37 [arXiv:1310.3380]

34. B. Garilli, (+48 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Survey (VIPERS). First Data Release of 57 204 spectroscopic measurements*, 2014, A&A 562, 23 [arXiv:1310.1008]

33. I. Davidzon, (+50 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). A precise measurement of the galaxy stellar mass function and the abundance of massive galaxies at redshifts* $0.5 < z < 1.3$, 2014, A&A 558, 23 [arXiv:1303.3808]

32. S. de la Torre, (+49 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). Galaxy clustering and redshift-space distortions at $z = 0.8$ in the first data release*, 2013, A&A 557, 54 [arXiv:1303.2622]

31. F. Marulli, (+49 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). Luminosity and stellar mass dependence of galaxy clustering at* $0.5 < z < 1.1$, 2013, A&A 557, 17 [arXiv:1303.2633]

30. K. Malek, (+48 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS). A Support Vector Machine classification of galaxies, stars and AGNs*, 2013, A&A 557, 16 [arXiv:1303.2621]

29. H. Guo, (+42 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: Luminosity and Color Dependence and Redshift Evolution*, 2013, ApJ, 767, 122 [arXiv:1212.1211]

28. S.E. Nuza, (+30 co-authors including **W.J. Percival**), *The clustering of galaxies at z 0.5 in the SDSS-III Data Release 9 BOSS-CMASS sample: a test for the LCDM cosmology*, 2013, MNRAS 432, 743 [arXiv:1202.6057]

27. J.K. Parejko, (+39 co-authors including **W.J. Percival**), *The clustering of galaxies in the SDSS-III Baryon Oscillation Spectroscopic Survey: the low redshift sample*, 2012, MNRAS, 429, 98 [arXiv:1211.3976]

26. N.G. Busca, (+62 co-authors including **W.J. Percival**), *Baryon Acoustic Oscillations in the Ly-alpha forest of BOSS quasars*, 2012, A&A, 522, 96 [arXiv:1211.2616]

25. K.S. Dawson, (+162 co-authors including **W.J. Percival**), *The Baryon Oscillation Spectroscopic Survey of SDSS-III*, 2013, AJ, 145, 10 [arXiv:1208.0022]

24. A.S. Bolton, (+31 co-authors including **W.J. Percival**), *Spectral Classification and Redshift Measurement for the SDSS-III Baryon Oscillation Spectroscopic Survey*, 2012, AJ, 144, 144 [arXiv:1207.7326]

23. C.P. Ahn, (+225 co-authors including **W.J. Percival**), *The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey*, 2012, ApJS, 203, 21 [arXiv:1207.7137]

22. J. Comparat, (+21 co-authors including **W.J. Percival**), *Investigating Emission Line Galaxy Surveys with the Sloan Digital Sky Survey Telescope*, 2012, MNRAS, 428, 1498 [arXiv:1207.4321]

21. A. Marchetti, (+53 co-authors including **W.J. Percival**), *The VIMOS Public Extragalactic Redshift Survey (VIPERS): spectral classification through Principal Component Analysis*, 2012, MNRAS, 428, 1424 [arXiv:1207.4374]
20. S. Ho, (+39 co-authors including **W.J. Percival**), *Clustering of Sloan Digital Sky Survey III Photometric Luminous Galaxies: The Measurement, Systematics and Cosmological Implications*, 2012, ApJ, 761, 14 [arXiv:1201.2137]
19. H.-J. Seo, (+33 co-authors including **W.J. Percival**), *Acoustic scale from the angular power spectra of SDSS-III DR8 photometric luminous galaxies*, 2012, ApJ 761, 13 [arXiv:1201.2172]
18. R. de Putter, (+20 co-authors including **W.J. Percival**), *New Neutrino Mass Bounds from Sloan Digital Sky Survey III Data Release 8 Photometric Luminous Galaxies*, 2012, ApJ, 761, 12 [arXiv:1201.1909]
17. H. Aihara, (+175 co-authors including **W.J. Percival**), *The Eighth Data Release of the Sloan Digital Sky Survey: First Data from SDSS-III*, 2011, ApJS, 193, 29 [arXiv:1101.1559]
16. D.J. Eisenstein, (+239 co-authors including **W.J. Percival**), *SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way Galaxy, and Extra-Solar Planetary Systems*, 2011, AJ, 142, 72 [arXiv:1101.1529]
15. I. Zehavi, (+17 co-authors including **W.J. Percival**), *Galaxy Clustering in the Completed SDSS Redshift Survey: The Dependence on Color and Luminosity*, 2011, ApJ , 736, 59 [arXiv:1005.2413]
14. M. White, (+26 co-authors including **W.J. Percival**), *The clustering of massive galaxies at z 0.5 from the first semester of BOSS data*, 2011, ApJ, 728, 126 [arXiv:1010.4915]
13. K. Abazajian, (+204 co-authors including **W.J. Percival**), *The Seventh Data Release of the Sloan Digital Sky Survey*, 2009, ApJS, 182, 543 [arXiv:0812.0649]
12. M. Tegmark, (+66 co-authors including **W.J. Percival**), *Cosmological constraints from the SDSS luminous red galaxies*, 2006, PRD, 74, 123507 [arXiv:0608632]
11. K. Coppin, (+56 co-authors including **W.J. Percival**), *The SCUBA Half-Degree Extragalactic Survey - II. Submillimetre maps, catalogue and number counts*, 2006, MNRAS, 372, 1621 [arXiv:0609639]
10. A. Mortier (+75 coauthors including **W.J. Percival**), *The SCUBA Half Degree Extragalactic Survey (SHADES) I – survey design and data analysis*, 2005, MNRAS, 363, 563 [arXiv:0507612]
9. E. Conway, (+31 co-authors including **W.J. Percival**), *The nature of the relative bias between galaxies of different spectral type in 2dFGRS*, 2005, MNRAS, 356, 456 [arXiv:0404276]
8. W.S. Burgett, (+32 co-authors including **W.J. Percival**), *Substructure Analysis of Selected Low Richness 2dFGRS Clusters of Galaxies*, 2004, MNRAS, 352, 605 [arXiv:0405021]
7. R. De Propris, (+30 co-authors including **W.J. Percival**), *The 2dF Galaxy Redshift Survey: The blue galaxy fraction and implications for the Butcher-Oemler effect*, 2004, MNRAS, 351, 125 [arXiv:0402652]
6. M. Balogh, (+36 co-authors including **W.J. Percival**), *Galaxy ecology: groups and low-density environments in the SDSS and 2dFGRS*, 2004, MNRAS, 348, 1355 [arXiv:0311379]
5. E. Hawkins, (+29 co-authors including **W.J. Percival**), *The 2dF Galaxy Redshift Survey: correlation functions, peculiar velocities and the matter density of the Universe*, 2003, MNRAS, 346, 78 [arXiv:0212375]
4. R. De Propris, (+29 co-authors including **W.J. Percival**), *The 2dF Galaxy Redshift Survey: the luminosity function of cluster galaxies*, 2003, MNRAS, 342, 725 [arXiv:0212562]
3. I. Lewis, (+32 co-authors including **W.J. Percival**), *The 2dF Galaxy Redshift Survey: the environmental dependence of galaxy star formation rates near clusters*, 2002, MNRAS, 334, 673 [arXiv:0203336]
2. R. De Propris, (+29 co-authors including **W.J. Percival**), *The 2dF Galaxy Redshift Survey: a targeted study of cataloged clusters of galaxies*, 2002, MNRAS, 329, 87 [arXiv:0109167]
1. J.A. Peacock, (+27 co-authors including **W.J. Percival**), *A measurement of the cosmological mass density from clustering in the 2dF Galaxy Redshift Survey*, 2001, Nature, 410, 169 [arXiv:0103143]