



Latin American Chinese European Galaxy Formation Network

Wyniki

Informacje na temat projektu

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[Strona internetowa projektu](#)

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1 Marca 2017

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UNIVERSITY OF DURHAM

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CORDIS oferuje możliwość skorzystania z odnośników do publicznie dostępnych publikacji i rezultatów projektów realizowanych w ramach programów ramowych HORYZONT.

Odnośniki do rezultatów i publikacji związanych z poszczególnymi projektami 7PR, a także odnośniki do niektórych konkretnych kategorii wyników, takich jak zbiory danych i oprogramowanie, są dynamicznie pobierane z systemu [OpenAIRE](#) .

Rezultaty

Documents, reports (7)



[galaxy population report](#)

Talks and papers on simulations of galaxy population

[progress report 2](#)

Progress report

[beyond standard model report](#)

talk and publications on simulations with nonstandard dark matter physics

[Papers/Talks](#)

Talks and publications on research results for dissemination of project results

[progress report](#)

Progress report

[large-scale structure report](#)

talks and papers on crosscorrelation and related largescale structure analysis in cosmological context

[milky way reports](#)

Talks Papers on Milky Way zoom simulations

Other (1)



[mid term meeting](#)

annual meetingmidterm meeting and review

Publikacje

Peer reviewed articles (104)



[The DIANOGA simulations of galaxy clusters: characterising star formation in protoclusters](#)

Autorzy: L. Bassini; L. Bassini; E. Rasia; Stefano Borgani; Gian Luigi Granato; Gian Luigi Granato; C. Ragone-Figueroa; C. Ragone-Figueroa; V. Biffi; A. Ragagnin; Klaus Dolag; W. Lin; Giuseppe Murante; Nicola R. Napolitano; Giuliano Taffoni; L. Tornatore; Yang Wang

Opublikowane w: A&A, Numer 2, 2020, ISSN 0004-6361

Wydawca: Springer Verlag

DOI: 10.1051/0004-6361/202038396

[Evolution and role of mergers in the BCG-cluster alignment. A view from cosmological hydrosimulations](#) 

Autorzy: C. Ragone-Figueroa; C. Ragone-Figueroa; Gian Luigi Granato; Gian Luigi Granato; Stefano Borgani; R. De Propris; D García Lambas; D García Lambas; Giuseppe Murante; E. Rasia; Michael J. West

Opublikowane w: MNRAS, Numer 4, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/staa1389

[Redshift-space distortions with split densities](#) 

Autorzy: E. Paillas; Yan-Chuan Cai; Nelson Padilla; Ariel G. Sánchez

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 4, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2101.09854

[Making use of sub-resolution haloes in N-body simulations](#) 

Autorzy: Joaquin Armijo; Carlton M. Baugh; Nelson Padilla; Peder Norberg; Christian Arnold

Opublikowane w: MNRAS Letters, Numer 5, 2022, ISSN 1745-3925

Wydawca: Blackwell

DOI: 10.1093/mnrasl/slab122

[Explaining cosmological anisotropy: evidence for causal horizons from CMB data](#) 

Autorzy: Fosalba, Pablo; Gaztañaga, Enrique

Opublikowane w: MNRAS, Numer 1, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab1193

[Formation of S0s in extreme environments II: The star-formation histories of bulges, discs, and lenses](#) 

Autorzy: Evelyn J. Johnston; Evelyn J. Johnston; Alfonso Aragón-Salamanca; Amelia Fraser-McKelvie; Amelia Fraser-McKelvie; Michael R. Merrifield; B. Häußler; Lodovico Coccato; Yara L. Jaffé; Ariana Cortesi; Ariana Cortesi; Ana L. Chies-Santos; Bruno Rodríguez del Pino; Yun-Kyeong Sheen

Opublikowane w: Monthly Notices of the RAS, Numer 1, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2009.05548

[Preliminary Target Selection for the DESI Bright Galaxy Survey \(BGS\)](#) 

Autorzy: Omar Ruiz-Macias; Pauline Zarrouk; Shaun Cole; Peder Norberg; Carlton M. Baugh; David Brooks; Arjun Dey; Yutong Duan; Sarah Eftekharzadeh; Daniel J. Eisenstein; Jaime E. Forero-Romero; Enrique Gaztanaga; ChangHoon Hahn; Robert Kehoe; Martin Landriau; Dustin Lang; Michael E. Levi; John R. Lucey; Aaron M. Meisner; John Moustakas; Adam D. Myers; Nathalie Palanque-Delabrouille; Claire Poppett; Francis

Opublikowane w: Res.Notes AAS, Numer 6, 2020, ISSN 2515-5172

Wydawca: IOP

DOI: 10.48550/arxiv.2010.11283

[II. A fast machine-learning calibration method](#) 

Autorzy: Arnau Pujol; Jérôme Bobin; Jérôme Bobin; Jérôme Bobin; Florent Sureau; Florent Sureau; Axel Guinot; Martin Kilbinger; Martin Kilbinger; Martin Kilbinger

Opublikowane w: A&A, Numer 2, 2020, ISSN 0004-6361

Wydawca: Springer Verlag

DOI: 10.1051/0004-6361/202038658

[The Three Hundred Project: The stellar angular momentum evolution of cluster galaxies](#) 

Autorzy: Robert Mostoghiu; Robert Mostoghiu; Alexander Knebe; Frazer R. Pearce; Chris Power; Claudia del P. Lagos; Weiguang Cui; Stefano Borgani; Klaus Dolag; Klaus Dolag; Giuseppe Murante; Gustavo Yepes

Opublikowane w: A&A, Numer 2, 2021, ISSN 0004-6361

Wydawca: Springer Verlag

DOI: 10.1051/0004-6361/202038425

[The role of AGN on the structure, kinematics and evolution of ETGs in the Horizon simulations](#) 

Autorzy: Rosito, M.S.; Pedrosa, S.E.; Tissera, P.B.; Chisari, N.E.; Domínguez-Tenreiro, R.; Dubois, Y.; Peirani, S.; Devriendt, J.; Pichon, C.; Slyz, A.

Opublikowane w: A&A, Numer 1, 2021, ISSN 0004-6361

Wydawca: Springer Verlag

DOI: 10.1051/0004-6361/202039976

[Dust evolution in zoom-in cosmological simulations of galaxy formation](#) 

Autorzy: Gian Luigi Granato; Gian Luigi Granato; C. Ragone-Figueroa; C. Ragone-Figueroa; Antonela Taverna; Antonela Taverna; Laura Silva; Milena Valentini; Milena Valentini; Stefano Borgani; Pierluigi Monaco; Pierluigi Monaco; Giuseppe Murante; L. Tornatore

Opublikowane w: MNRAS, Numer 5, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab362

[Full-sky integrated Sachs-Wolfe maps for the MICE grand challenge lightcone simulation](#) 

Autorzy: Krishna Naidoo; Krishna Naidoo; Pablo Fosalba; L. Whiteway; Ofer Lahav

Opublikowane w: MNRAS, Numer 2, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2103.14654

[Are Ly \$\alpha\$ emitters segregated in protoclusters regions](#)

Autorzy: Tomás Hough; Tomás Hough; Siddhartha Gurung-López; Alvaro Orsi; Sofía A. Cora; Sofía A. Cora; Cedric G. Lacey; Carlton M. Baugh

Opublikowane w: Monthly notices of the Royal Astronomical Society, 2020, Vol.499(2), pp.2104-2115 [Peer Reviewed Journal], Numer 4, 2020, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/staa3027

[The Effect of Assembly Bias on Redshift Space Distortions](#)

Autorzy: Nelson Padilla; Sergio Contreras; Sergio Contreras; Idit Zehavi; Carlton M. Baugh; Peder Norberg

Opublikowane w: Monthly notices of the Royal Astronomical Society, Numer 2, 2019, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stz824

[The Three Hundred Project: quest of clusters of galaxies morphology and dynamical state through Zernike polynomials](#)

Autorzy: Valentina Capalbo; Marco De Petris; Federico De Luca; Federico De Luca; Weiguang Cui; Gustavo Yepes; Alexander Knebe; Alexander Knebe; E. Rasia

Opublikowane w: MNRAS, Numer 2, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/staa3900

[Planes of Satellites around Simulated Disk Galaxies. I. Finding High-quality Planar Configurations from Positional Information and Their Comparison to MW/M31 Data](#)

Autorzy: Isabel M. E. Santos-Santos; Isabel M. E. Santos-Santos; Rosa Domínguez-Tenreiro; H. Artal; Susana E. Pedrosa; Susana E. Pedrosa; Lucas A. Bignone; F. J. Martínez-Serrano; M. Ángeles Gómez-Flechoso; Patricia B. Tissera; Arturo Serna

Opublikowane w: The Astrophysical Journal, Numer 4, 2020, ISSN 0004-637X

Wydawca: University of Chicago Press

DOI: 10.48550/arxiv.2004.11585

[The cosmological constant as a zero action boundary](#)

Autorzy: Enrique Gaztanaga

Opublikowane w: MNRAS, Numer 2, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2101.07368

[\[O II\] emitters in MultiDark-Galaxies and DEEP2](#)

Autorzy: Ginevra Favole; Violeta Gonzalez-Perez; Violeta Gonzalez-Perez; Violeta Gonzalez-Perez; Doris Stoppacher; Alvaro Orsi; Johan Comparat; Sofía A. Cora; Sofía A. Cora; Cristian A. Vega-Martínez; Adam R. H. Stevens; Claudia Maraston; Darren J. Croton; Alexander Knebe; Alexander Knebe; Andrew J. Benson; Antonio D. Montero-Dorta; N. Padilla; Francisco Prada; Daniel Thomas

Opublikowane w: MNRAS, Numer 1, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.1908.05626

[Redshift inference from the combination of galaxy colours and clustering in a hierarchical Bayesian model – Application to realistic N-body simulations](#)

Autorzy: A. Alarcon; C. Sánchez; Gary Bernstein; Enrique Gaztanaga

Opublikowane w: MNRAS, Numer 4, 2020, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/staa2478

[Chameleon Screening Depends on the Shape and Structure of NFW Halos](#)

Autorzy: Tamosiunas, Andrius; Briddon, Chad; Burrage, Clare; Cui, Weiguang; Moss, Adam

Opublikowane w: Journal of Cosmology and Astroparticle Physics, Numer 2, 2022, ISSN 1475-7516

Wydawca: Institute of Physics

DOI: 10.48550/arxiv.2108.10364

[Cosmic filaments in galaxy cluster outskirts: quantifying finding filaments in redshift space](#)

Autorzy: Ulrike Kuchner; Alfonso Aragón-Salamanca; Agustín Rost; Frazer R. Pearce; Meghan E. Gray; Weiguang Cui; Alexander Knebe; Alexander Knebe; Elena Rasia; Gustavo Yepes

Opublikowane w: MNRAS, Numer 4, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2102.12500

[Redshift-space effects in voids and their impact on cosmological tests – II. The void-galaxy cross-correlation function](#)

Autorzy: Carlos M. Correa; Carlos M. Correa; Dante J. Paz; Dante J. Paz; Nelson Padilla; Ariel G. Sánchez; Andrés N. Ruiz; Andrés N. Ruiz; Raul E. Angulo; Raul E. Angulo

Opublikowane w: MNRAS, Numer 1, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab3070

[Dust evolution with MUPPI in cosmological volumes](#) 

Autorzy: Massimiliano Parente; Cinthia Ragone-Figueroa; Gian Luigi Granato; Stefano Borgani; Giuseppe Murante; Milena Valentini; Alessandro Bressan; Andrea Lapi

Opublikowane w: MNRAS, Numer 4, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stac1913

[The ThreeHundred: the structure and properties of cosmic filaments in the outskirts of galaxy clusters](#) 

Autorzy: Agustín Rost; Agustín Rost; Ulrike Kuchner; Charlotte Welker; Charlotte Welker; Frazer R. Pearce; Federico Stasyszyn; Meghan E. Gray; Weiguang Cui; Romeel Davé; Romeel Davé; Alexander Knebe; Alexander Knebe; Gustavo Yepes; E. Rasia

Opublikowane w: MNRAS, Numer 2, 2020, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/staa3792

[Galaxy Velocity Bias in Cosmological Simulations: Towards Percent-level Calibration](#) 

Autorzy: Dhayaa Anbajagane; Han Aung; August E Evrard; Arya Farahi; Daisuke Nagai; David J Barnes; Weiguang Cui; Klaus Dolag; Ian G McCarthy; Elena Rasia; Gustavo Yepes

Opublikowane w: MNRAS, Numer 2, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab3587

[The assembly bias of emission-line galaxies](#) 

Autorzy: Esteban Jiménez; Esteban Jiménez; Nelson Padilla; Sergio Contreras; Idit Zehavi; Carlton M. Baugh; Alvaro Orsi

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 4, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2010.08500

[Milky Way-like galaxies: stellar population properties of dynamically defined discs, bulges and stellar haloes](#) 

Autorzy: Sara Ortega-Martinez; Aura Obreja; Rosa Dominguez-Tenreiro; Susana E Pedrosa; Yetli Rosas-Guevara; Patricia B Tissera

Opublikowane w: MNRAS, Numer 4, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stac2033

[Machine Learning for Galactic Archaeology: A chemistry-based neural network method for identification of accreted disc stars](#) 

Autorzy: Thorold Tronrud; Patricia B Tissera; Facundo A Gómez; Robert J J Grand; Ruediger Pakmor; Federico Marinacci; Christine M Simpson

Opublikowane w: MNRAS, Numer 4, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2207.06586

[The Three Hundred project: dissecting the Fundamental Plane of galaxy clusters up to \$z = 1\$](#) 

Autorzy: Luis A Díaz-García; Keiichi Umetsu; Elena Rasia; Weiguang Cui; Massimo Meneghetti

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 3, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stac527

[The galaxy size-halo mass scaling relations and clustering properties of central and satellite galaxies](#) 

Autorzy: Facundo Rodriguez; Facundo Rodriguez; Antonio D. Montero-Dorta; Antonio D. Montero-Dorta; Raul E. Angulo; Raul E. Angulo; M. Celeste Artale; Manuel Merchán; Manuel Merchán

Opublikowane w: MNRAS, Numer 2, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab1571

[Revealing the properties of void galaxies and their assembly using the EAGLE simulation](#) 

Autorzy: Yetli Rosas-Guevara; Patricia Tissera; Claudia del P Lagos; Enrique Paillas; Nelson Padilla

Opublikowane w: MNRAS, Numer 2, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stac2583

[evolution of the halo spin-filament alignment](#) 

Autorzy: Pablo H.H. Lopez; Pablo H.H. Lopez; Marius Cautun; Dante J. Paz; Dante J. Paz; Manuel Merchán; Manuel Merchán; Rien van de Weygaert

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 6, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2012.01638

[A deep learning approach to halo merger tree construction](#) 

Autorzy: Sandra Robles; Jonathan S Gómez; Adín Ramírez Rivera; Nelson D Padilla; Diego Dujovne

Opublikowane w: MNRAS, Numer 6, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2205.15988

[Press-Schechter primordial black hole mass functions and their observational constraints](#)

Autorzy: Joaquin Sureda; Juan Magaña; Ignacio J. Araya; Nelson Padilla

Opublikowane w: MNRAS, Numer 4, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2008.09683

[The PAU survey: estimating galaxy photometry with deep learning](#)

Autorzy: Laura Cabayol; Martin Eriksen; Adam Amara; J. Carretero; Ricard Casas; F. J. Castander; J. De Vicente; Enrique Fernández; Juan Garcia-Bellido; Enrique Gaztanaga; Hendrik Hildebrandt; Ramon Miquel; Ramon Miquel; C. Padilla; E. J. Sanchez; S. Serrano; I. Sevilla-Noarbe; P. Tallada-Crespí

Opublikowane w: MNRAS, Numer 2, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab1909

[<scp>The Three Hundred</scp>: cluster dynamical states and relaxation period](#)

Autorzy: Bowei Zhang; Weiguang Cui; Yuhuan Wang; Romeel Dave; Marco De Petris

Opublikowane w: Crossref, Numer 1, 2022, Strona(/y) 26–38, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stac2171

[Testing one-loop galaxy bias: Cosmological constraints from the power spectrum](#)

Autorzy: Andrea Pezzotta; Andrea Pezzotta; Martin Crocce; Alexander Eggemeier; Ariel G. Sánchez; Roman Scoccimarro

Opublikowane w: Physical Review D, Numer 2, 2021, ISSN 1550-7998

Wydawca: American Physical Society

DOI: 10.1103/physrevd.104.043531

[Halo cluster shapes: insights from simulated galaxies and ICL with prospects for weak lensing applications](#)

Autorzy: Elizabeth Johana Gonzalez; Elizabeth Johana Gonzalez; Cinthia Ragone-Figueroa; Cinthia Ragone-Figueroa; Cinthia Ragone-Figueroa; Carlos J. Donzelli; Carlos J. Donzelli; Martin Makler; Diego G. Lambas; Diego G. Lambas; Gian Luigi Granato; Gian Luigi Granato

Opublikowane w: MNRAS, Numer 4, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab2585

[The Three Hundred project: shapes and radial alignment of satellite, infalling, and backsplash galaxies](#)

Autorzy: "Mostoghiu, Robert; Haggard, Roan; Power, Chris; De Petrìs, Marco; Hoffmann, Kai; Cui, Weiguang; Pearce, Frazer R; Gámez-Marí n, Matí as; Knebe, Alexander"

Opublikowane w: MNRAS, Numer 2, 2020, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/staa1407

[Redshift-space effects in voids and their impact on cosmological tests. Part I: the void size function](#)

Autorzy: Carlos M. Correa; Carlos M. Correa; Dante J. Paz; Dante J. Paz; Ariel G. Sánchez; Andrés N. Ruiz; Andrés N. Ruiz; Nelson Padilla; Raul E. Angulo; Raul E. Angulo

Opublikowane w: MNRAS, Numer 1, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2007.12064

[A Peek Outside Our Universe](#)

Autorzy: Gaztanaga, Enrique; Fosalba, Pablo

Opublikowane w: Symmetry, Numer 6, 2022, ISSN 2073-8994

Wydawca: Multidisciplinary Digital Publishing Institute (MDPI)

DOI: 10.3390/sym14020285

[What to expect from dynamical modelling of cluster haloes - I. The information content of different dynamical tracers](#)

Autorzy: Qingyang Li; Jiaxin Han; Wenting Wang; Weiguang Cui; Zhao-Zhou Li; Xiaohu Yang

Opublikowane w: MNRAS, Numer 6, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.48550/arxiv.2106.03011

[The PAU survey: Ly \$\alpha\$ intensity mapping forecast](#)

Autorzy: Renard, P.; Gaztanaga, E.; Croft, R.; Cabayol, L.; Carretero, J.; Eriksen, M.; Fernández, E.; García-Bellido Capdevila, Juan; Miquel, R.; Padilla, C.; Sánchez, E.; Tallada-Crespi, P.

Opublikowane w: MNRAS, Numer 2, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/staa3783

[Brightest cluster galaxies trace weak lensing mass bias and halo triaxiality in the three hundred project](#)

Autorzy: Ricardo Herbonnet; Adrian Crawford; Camille Avestruz; Elena Rasia; Carlo Giocoli; Massimo Meneghetti; Anja von der Linden; Weiguang Cui; Gustavo Yepes

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 1, 2022, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stac997

[An inventory of galaxies in cosmic filaments feeding galaxy clusters: galaxy groups, backplash galaxies, and pristine galaxies](#)

Autorzy: U. Kuchner; Roan Haggar; Alfonso Aragón-Salamanca; Frazer R. Pearce; Meghan E. Gray; Agustín Rost; Weiguang Cui; Alexander Knebe; Alexander Knebe; Gustavo Yepes

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 6, 2021, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stab3419

[The assembly history of the Galactic inner halo inferred from \$\alpha\$ -element patterns](#)

Autorzy: Emma Fernández-Alvar, Patricia B Tissera, Leticia Carigi, William J Schuster, Timothy C Beers, Vasily A Belokurov

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 485/2, 2019, Strona(/y) 1745-1756, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stz443

[The evolution of assembly bias](#)

Autorzy: S Contreras, I Zehavi, N Padilla, C M Baugh, E Jiménez, I Lacerna

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 484/1, 2019, Strona(/y) 1133-1148, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stz018

[TheThreeHundred Project: ram pressure and gas content of haloes and subhaloes in the phase-space plane](#)

Autorzy: Jake Arthur, Frazer R Pearce, Meghan E Gray, Alexander Knebe, Weiguang Cui, Pascal J Elahi, Chris Power, Gustavo Yepes, Alexander Arth, Marco De Petris, Klaus Dolag, Lilian Garratt-Smithson, Lyndsay J Old, Elena Rasia, Adam R H Stevens

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 484/3, 2019, Strona(/y) 3968-3983, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stz212

[The Santiago–Harvard–Edinburgh–Durham void comparison II: unveiling the Vainshtein screening using weak lensing](#)

Autorzy: Enrique Paillas, Marius Cautun, Baojiu Li, Yan-Chuan Cai, Nelson Padilla, Joaquín Armijo, Sownak Bose

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer

484/1, 2019, Strona(/y) 1149-1165, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/stz022

[The Three Hundred Project: The evolution of galaxy cluster density profiles](#)

Autorzy: Robert Mostoghiu, Alexander Knebe, Weiguang Cui, Frazer R Pearce, Gustavo Yepes, Chris Power, Romeel Dave, Alexander Arth

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 483/3, 2018, Strona(/y) 3390-3403, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/sty3306

[The abundances and properties of Dual AGN and their host galaxies in the EAGLE simulations](#)

Autorzy: Yetli M Rosas-Guevara, Richard G Bower, Stuart McAlpine, Silvia Bonoli, Patricia B Tissera

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 483/2, 2018, Strona(/y) 2712-2720, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/sty3251

[The oxygen abundance gradients in the gas discs of galaxies in the EAGLE simulation](#)

Autorzy: Patricia B Tissera, Yetli Rosas-Guevara, Richard G Bower, Robert A Crain, Claudia del P Lagos, Matthieu Schaller, Joop Schaye, Tom Theuns

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 482/2, 2018, Strona(/y) 2208-2221, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/sty2817

[Semi-analytic galaxies – II. Revealing the role of environmental and mass quenching in galaxy formation](#)

Autorzy: Sofía A Cora, Tomás Hough, Cristian A Vega-Martínez, Álvaro A Orsi

Opublikowane w: Monthly Notices of the Royal Astronomical Society, Numer 483/2, 2018, Strona(/y) 1686-1700, ISSN 0035-8711

Wydawca: Blackwell Publishing Inc.

DOI: 10.1093/mnras/sty3214

[The Three Hundred Project: The Influence of Environment on Simulated Galaxy Properties](#)

Autorzy: Yang Wang, Frazer Pearce, Alexander Knebe, Gustavo Yepes, Weiguang Cui, Chris Power, Alexander Arth, Stefan Gottlöber, Marco De Petris, Shaun Brown, Longlong Feng

Opublikowane w: The Astrophysical Journal, Numer 868/2, 2018, Strona(/y) 130, ISSN 1538-4357

Wydawca: ApJ

DOI: 10.3847/1538-4357/aae52e

[The Three Hundred project: a large catalogue of theoretically modelled galaxy clusters for cosmological and astrophysical applications](#) 

Autorzy: Weiguang Cui, Alexander Knebe, Gustavo Yepes, Frazer Pearce, Chris Power, Romeel Dave, Alexander Arth, Stefano Borgani, Klaus Dolag, Pascal Elahi, Robert Mostoghiu, Giuseppe Murante, Elena Rasia, Doris Stoppacher, Jesus Vega-Ferrero, Yang Wang, Xiaohu Yang, Andrew Benson, Sofía A Cora, Darren J Croton, Manodeep Sinha, Adam R H Stevens, Cristian A Vega-Martínez, Jake Arthur, Anna S Baldi, Rodrigo

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[Testing modified gravity using a marked correlation function](#) 

Autorzy: Joaquín Armijo, Yan-Chuan Cai, Nelson Padilla, Baojiu Li, John A Peacock

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[BCG Mass Evolution in Cosmological Hydro-Simulations](#) 

Autorzy: C Ragone-Figueroa, G L Granato, M E Ferraro, G Murante, V Biffi, S Borgani, S Planelles, E Rasia

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Autorzy: César Hernández-Aguayo, Carlton M Baugh, Baojiu Li

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Autorzy: Marius Cautun, Enrique Paillas, Yan-Chuan Cai, Sownak Bose, Joaquin Armijo, Baojiu Li, Nelson Padilla

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[The effect of photometric redshift uncertainties on galaxy clustering and baryonic acoustic oscillations](#)



Autorzy: Jonás Chaves-Montero, Raúl E Angulo, Carlos Hernández-Monteagudo

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Autorzy: N Padilla, S Contreras, I Zehavi, C M Baugh, P Norberg

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[The size of our causal Universe](#)

Autorzy: Enrique Gaztañaga

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Autorzy: Manuel Fernández-López, Luis A. Zapata, Luis F. Rodríguez, María M. Vazzano, Andrés E. Guzmán, Rosario López

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Autorzy: Ulrike Kuchner, Alfonso Aragón-Salamanca, Frazer R Pearce, Meghan E Gray, Agustín Rost, Chunliang Mu, Charlotte Welker, Weiguang Cui, Roan Haggard, Clotilde Laigle, Alexander Knebe, Katarina Kraljic, Florian Sarron, Gustavo Yepes

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Autorzy: E J Gonzalez, M Chalela, M Jauzac, D Eckert, M Schaller, D Harvey, A Niemiec, A M Koekemoer, D Barnes, D Clowe, T Connor, J M Diego, J D Remolina Gonzalez, C L Steinhardt

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[TheThreeHundred project: backplash galaxies in simulations of clusters](#)

Autorzy: Roan Haggard, Meghan E Gray, Frazer R Pearce, Alexander Knebe, Weiguang Cui, Robert Mostoghiu, Gustavo Yepes

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Blending and obscuration in weak lensing magnification

Autorzy: E.Gaztanaga, S.J.Schmidt, M.D.Schneider, J.A.Tyson

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[Azimuthal variations of oxygen abundance profiles in star-forming regions of disc galaxies in EAGLE simulations](#)

Autorzy: Martín Solar, Patricia B Tissera, Jose A Hernandez-Jimenez

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[Close galaxy pairs with accurate photometric redshifts](#)

Autorzy: Facundo Rodriguez, Elizabeth Johana Gonzalez, Ana Laura O'Mill, Enrique Gaztañaga, Pablo Fosalba, Diego García Lambas, Mar Mezcua, Małgorzata Siudek

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Autorzy: S. Ansarifard, E. Rasia, V. Biffi, S. Borgani, W. Cui, M. De Petris, K. Dolag, S. Ettori, S. M. S. Movahed, G. Murante, G. Yepes

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[The buildup of strongly barred galaxies in the TNG100 simulation](#)

Autorzy: Yetli Rosas-Guevara, Silvia Bonoli, Massimo Dotti, Tommaso Zana, Dylan Nelson, Annalisa Pillepich, Luis C Ho, David Izquierdo-Villalba, Lars Hernquist, Rüdiger Pakmor

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Autorzy: N. Añez-López, M. Osorio, G. Busquet, J. M. Girart, E. Macías, C. Carrasco-González, S. Curiel, R. Estalella, M. Fernández-López, R. Galván-Madrid, J. Kwon, J. M. Torrelles

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Autorzy: Jesus Prada, Jaime E Forero-Romero, Robert J J Grand, Rüdiger Pakmor, Volker Springel

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Autorzy: Esteban Jiménez, Sergio Contreras, Nelson Padilla, Idit Zehavi, Carlton M Baugh, Violeta Gonzalez-Perez

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[On the Prospect of Using the Maximum Circular Velocity of Halos to Encapsulate Assembly Bias in the Galaxy-Halo Connection](#)

Autorzy: Idit Zehavi, Stephen E. Kerby, Sergio Contreras, Esteban Jiménez, Nelson Padilla, Carlton M. Baugh

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[flareon: a fast computation of Ly \$\alpha\$ escape fractions and line profiles](#) 

Autorzy: Siddhartha Gurung-López, Álvaro A Orsi, Silvia Bonoli

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Redshift inference from the combination of galaxy colors and clustering in a hierarchical Bayesian model – Application to realistic N -body simulations

Autorzy: Alex Alarcon, Carles Sánchez, Gary M. Bernstein, Enrique Gaztañaga

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[Black hole mass of central galaxies and cluster mass correlation in cosmological hydro-dynamical simulations](#) 

Autorzy: L. Bassini, E. Rasia, S. Borgani, C. Ragone-Figueroa, V. Biffi, K. Dolag, M. Gaspari, G. L. Granato, G. Murante, G. Taffoni, L. Tornatore

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[The build-up of pseudo-bulges in a hierarchical universe](#) 

Autorzy: David Izquierdo-Villalba, Silvia Bonoli, Daniele Spinoso, Yetli Rosas-Guevara, Bruno M B Henriques, Carlos Hernández-Monteagudo

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[The mass-size plane of EAGLE galaxies](#) 

Autorzy: M. S. Rosito, P. B. Tissera, S. E. Pedrosa, C. D. P. Lagos

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Autorzy: Lucas A. Bignone, Amina Helmi, Patricia B. Tissera
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An analysis of satellite planar configurations around the MW and M31: singling out new high quality planes

Autorzy: Isabel M. Santos-Santos, Rosa Domínguez-Tenreiro, Marcel S. Pawlowski
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Characterizing the radio continuum nature of sources in the massive star-forming region W75N (B)

Autorzy: Rodríguez-Kamenetzky, A. ; Carrasco-González, C. ; Torrelles, J. M. ; Vlemmings, W. H. T. ; Rodríguez, L. F. ; Surcis, G. ; Gómez, J. F. ; Cantó, J. ; Goddi, C. ; Kim, J. S. ; Kim, S. -W. ; Añez-López, 11 N. ; Curiel, S. ; van Langevelde, H. J.
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[Power spectrum of density fluctuations, halo abundances, and clustering with primordial black holes](#) 

Autorzy: Nelson Padilla; Juan Magaña; Joaquin Sureda; Ignacio J. Araya
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Autorzy: John F. Suárez-Pérez; Yeimy Camargo; Xiaodong Li; Jaime E. Forero-Romero

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[Blending and obscuration in weak-lensing magnification](#)

Autorzy: Enrique Gaztanaga; S. J. Schmidt; Michael Schneider; J. A. Tyson

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Autorzy: Enrique Gaztañaga; Benjamin Camacho-Quevedo

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[An updated detailed characterization of planes of satellites in the MW and M31](#)

Autorzy: Isabel M. E. Santos-Santos; Isabel M. E. Santos-Santos; Rosa Domínguez-Tenreiro; Marcel S. Pawlowski

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[The Three Hundred Project: Substructure in hydrodynamical and dark matter simulations of galaxy groups around clusters](#)

Autorzy: Roan Haggard; Frazer R. Pearce; Meghan E. Gray; Alexander Knebe; Alexander Knebe; Gustavo Yepes

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[The Three Hundred project: dynamical state of galaxy clusters and morphology from multiwavelength synthetic maps](#)

Autorzy: Federico De Luca; Federico De Luca; Marco De Petris; Gustavo Yepes; Weiguang Cui; Alexander Knebe; Alexander Knebe; E. Rasia

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[Improved two-point correlation function estimates using glass-like distributions as a reference sample](#)



Autorzy: Federico Dávila-Kurbán; Federico Dávila-Kurbán; Ariel G. Sánchez; Marcelo Lares; Marcelo Lares; Andrés N. Ruiz; Andrés N. Ruiz
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Autorzy: Sachin Kotecha; Charlotte Welker; Zihan Zhou; James Wadsley; Katarina Kraljic; Jenny Sorce; Elena Rasia; Ian Roberts; Meghan Gray; Gustavo Yepes; Weiguang Cui
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Autorzy: Pedro Cataldi; Susana Pedrosa; Nelson Padilla; Susana Landau; Christian Arnold; Baojiu Li
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[Galaxy pairs in <scp>the three hundred</scp> simulations: a study on the performance of observational pair-finding techniques](#) 

Autorzy: Ana Contreras-Santos; Alexander Knebe; Weiguang Cui; Roan Haggard; Frazer Pearce; Meghan Gray; Marco De Petris; Gustavo Yepes
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[Baryons shaping dark matter haloes](#) 

Autorzy: P. Cataldi; S. E. Pedrosa; S. E. Pedrosa; Patricia B. Tissera; M. C. Artale
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[The Three Hundred Project: The evolution of galaxy cluster density profiles](#) 

Autorzy: Robert Mostoghiu; Alexander Knebe; Alexander Knebe; Weiguang Cui; Frazer R. Pearce; Gustavo Yepes; Chris Power; Romeel Davé; Alexander Arth; Alexander Arth
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Autorzy: Andrea Kulier; Andrea Kulier; Gaspar Galaz; Nelson Padilla; James W. Trayford

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Autorzy: Jake Arthur; Frazer R. Pearce; Meghan E. Gray; Alexander Knebe; Alexander Knebe; Weiguang Cui; Weiguang Cui; Pascal J. Elahi; Chris Power; Gustavo Yepes; Alexander Arth; Alexander Arth; Marco De Petris; Klaus Dolag; Klaus Dolag; Lilian Garratt-Smithson; Lyndsay Old; E. Rasia; Adam R. H. Stevens

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[Velocity dispersion of brightest cluster galaxies in cosmological simulations](#) 

Autorzy: I. Marini; Stefano Borgani; A. Saro; Gian Luigi Granato; Gian Luigi Granato; C. Ragone-Figueroa; C. Ragone-Figueroa; Barbara Sartoris; Klaus Dolag; Giuseppe Murante; A Ragagnin; A Ragagnin; Yang Wang

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Autorzy: Ana Contreras-Santos; Alexander Knebe; Frazer Pearce; Roan Haggard; Meghan Gray; Weiguang Cui; Gustavo Yepes; Marco De Petris; Federico De Luca; Chris Power; Robert Mostoghiu; Sebastián E Nuza; Matthias Hoeft

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Autorzy: Robert Mostoghiu; Robert Mostoghiu; Robert Mostoghiu; Jake Arthur; Frazer R. Pearce; Meghan E. Gray; Alexander Knebe; Alexander Knebe; Weiguang Cui; Charlotte Welker; Charlotte Welker; Sofía A. Cora; Sofía A. Cora; Giuseppe Murante; Klaus Dolag; Klaus Dolag; Gustavo Yepes

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Autorzy: Roberto De Propriis; Michael J. West; Felipe Andrade-Santos; C. Ragone-Figueroa; C. Ragone-Figueroa; E. Rasia; William R. Forman; Christine Jones; Rain Kipper; Stefano Borgani; Diego G. Lambas; Elena A. Romashkova; Kishore C. Patra

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Autorzy: Bassini, Luigi; Rasia, Elena; Borgani, Stefano; Ragone-Figueroa, Cinthia; Biffi, Veronica; Dolag, Klaus; Gaspari, Massimo; Granato, Gian Luigi; Murante, Giuseppe; Taffoni, Giuliano; Tornatore, Luca

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Autorzy: Izquierdo-Villalba, David; Bonoli, Silvia; Spinoso, Daniele; Rosas-Guevara, Yetli; Henriques, Bruno M. B.; Hernandez-Monteagudo, Carlos

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Planes of satellites around simulated disc galaxies: I.- Finding high-quality planar configurations from positional information and their comparison to MW/M31 data

Autorzy: Isabel Santos-Santos, Rosa Dominguez-Tenreiro, Hector Artal, Susana E. Pedrosa, Lucas Bignone, Francisco Martinez-Serrano, M. Angeles Gomez-Flechoso, Patricia B. Tissera, Arturo Serna

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Autorzy: Enrique Gaztanaga

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Autorzy: Cora, S. A.; Hough, T.; Vega-Martínez, C. A.; Orsi, A. A.

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Autorzy: Enrique Gaztanaga

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A Halo Merger Tree Generation and Evaluation Framework

Autorzy: Sandra Robles, Jonathan S. Gómez, Adín Ramírez Rivera, Jenny A. González, Nelson D. Padilla, Diego Dujovne

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