

Bartosch Caminha, Gabriel

Current Position:

Post-doc at Kapteyn institute at Groningen

Previous position:

Capes Postdoctoral Student
University of Ferrara

Outcome Institution:

Centro Brasileiro de Pesquisas Físicas – CBPF



Publications:

-) G. B. Caminha, W. Karman, P. Rosati, K. I. Caputi, F. Arrigoni Battaia, et al. (+5 co-authors) *Discovery of a faint, star-forming, multiply lensed, Lyman-alpha blob*. A&A in press (arXiv:1512.05655, [ADS link](#)), IF: 5.185
-) G. B. Caminha, C. Grillo, P. Rosati, I. Balestra, W. Karman, et al. (+35 co-authors) *CLASH-VLT: A highly precise strong lensing model of the galaxy cluster RXC J2248.7-4431 (Abell S1063) and prospects for cosmography*. A&A, 587, A80, 2016 ([ADS link](#)), IF: 5.185
-) Dark Energy Survey Collaboration: T. Abbott, F. B. Abdalla, S. Allam, J. Aleksic, A. Amara, et al. (+135 co-authors including G. B. Caminha) *The Dark Energy Survey: more than dark energy - an overview*. MNRAS, 460, 1270, 2016 ([ADS link](#)); IF: 4.952
-) E. Vanzella, I. Balestra, M. Gronke, W. Karman, G. B. Caminha et al. (+9 co-authors) *Illuminating gas in-/outflows in the MUSE deepest fields: discovery of Ly-alpha nebulae around forming galaxies at $z \sim 3$* . MNRAS, in press (arXiv:1607.03112, [ADS link](#)), IF: 4.952
-) E. Vanzella, S. De Barros, G. Cupani, W. Karman, M. Gronke, et al. (+27 co-authors including G. B. Caminha) *High-resolution spectroscopy of a young, low-metallicity optically-thin $L = 0.02 L_{\star}$ star-forming galaxy at $z = 3.12$* . ApJ, 821, L27, 2016 ([ADS link](#)), IF: 5.909
-) C. Grillo, W. Karman, S. H. Suyu, P. Rosati, I. Balestra, et al. (+13 co-authors including G. B. Caminha) *The story of supernova "Refsdal" told by MUSE*. ApJ, 822, 78, 2016 ([ADS link](#)), IF: 5.909
-) I. Balestra, A. Mercurio, B. Sartoris, M. Girardi, C. Grillo, et al. (+31 co-authors including G. B. Caminha) *CLASH-VLT: Dissecting the Frontier Fields Galaxy Cluster MACS J0416.1-2403 with 800 Spectra of Member Galaxies*. ApJS, 224, 33, 2016 ([ADS link](#)), IF: 11.257
-) L. Pizzuti, B. Sartoris, S. Borgani, L. Amendola, K. Umetsu, et al. (+11 co-authors including G. B. Caminha) *CLASH-VLT: Testing the Nature of Gravity with Galaxy Cluster Mass Profiles*. J. Cosmology Astropart. Phys., 4, 23, 2016 ([ADS link](#)), IF: 5.634

-) W. G. Parry, C. Grillo, A. Mercurio, I. Balestra, P. Rosati, et al. (+6 co-authors including G. B. Caminha) *Dark matter fraction of low-mass cluster members probed by galaxy-scale strong lensing*. MNRAS, 458, 1493, 2016 ([ADS link](#)), IF: 4.952
-) T. Treu, G. Brammer, J. M. Diego, C. Grillo, P. L. Kelly et al. (+23 co-authors including G. B. Caminha) *“Refsdal” Meets Popper: Comparing Predictions of the Re-appearance of the Multiply Imaged Supernova Behind MACSJ1149.5+2223*. ApJ, 817, 60, 2016 ([ADS link](#)), IF: 5.909
-) B. Nord, E. Buckley-Geer, H. Lin, H. T. Diehl, J. Helsby et al. (+87 co-authors including G. B. Caminha) *Observation and Confirmation of Six Strong Lensing Systems in The Dark Energy Survey Science Verification Data*. ApJ, 827, 51, 2016 ([ADS link](#)), IF: 5.909
-) M. Annunziatella, A. Mercurio, A. Biviano, M. Girardi, M. Nonino, et al. (+17 co-authors including G. B. Caminha) *CLASH-VLT: Environment-driven evolution of galaxies in the $z = 0.209$ cluster Abell 209*. A&A, 585, A160, 2015 ([ADS link](#)), IF: 5.185
-) M. Girardi, A. Mercurio, I. Balestra, M. Nonino, A. Biviano, et al. (+33 co-authors including G. B. Caminha) *CLASH-VLT: Substructure in the galaxy cluster MACS J1206.2-0847 from kinematics of galaxy populations*. A&A, 579, A4, 2015 ([ADS link](#)), IF: 5.185
-) C. Grillo, S. H. Suyu, P. Rosati, A. Mercurio, I. Balestra et al. (+23 co-authors including G. B. Caminha) *CLASH-VLT: Insights on the Mass Substructures in the Frontier Fields Cluster MACS J0416.1-2403 through Accurate Strong Lens Modeling*. ApJ, 800, 38, 2015 ([ADS link](#)), IF: 5.909

Meetings, conferences, seminars, schools:

IRAP Ph.D. Erasmus Mundus School - February 2014 Nice Winter School -February, 23 - March, 2 – 2014;
 2nd César Lattes Meeting “Supernovae, Neutron Stars, Black Holes”, 2015, Niterói - Rio De Janeiro, April 13-18 João Pessoa, April 21, Recife - Fortaleza, April 22;

XIV Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Gravitation, and Relativistic Field Theory, 2015, July 12-18, Rome, Italy;

Presentation: A Highly Precise Strong Lensing Model of the Galaxy Cluster RXJ2248, (Abell 1063) and Prospects for Cosmography, Young Researcher Meeting (contribution) — L’Aquila, Italy (October/2015);

Presentation: High precision strong lens modelling of CLASH-VLT/FF clusters. Dark Cosmology Centre (invited) — Copenhagen, Denmark (May/2015);

Presentation: High precision strong lensing modelling of CLASH-VLT/FF clusters. Science from the Frontier Fields (contribution) - Sexten, Italy (February/2015).