

Dr. Yara L. Jaffé - Curriculum Vitae

PERSONAL DETAILS	Instituto de Física y Astronomía Universidad de Valparaíso Av. Gran Bretaña 1111 Valparaíso, Chile.	Office: +56 32 250 8309 Mobile: +56 9 53304322 Email: yara.astro@gmail.com Web: http://www.sc.eso.org/~yjaffe/
EDUCATION	2012: PhD in Astronomy, The University of Nottingham, UK. 2007: BSC in Physics (5-year Undergraduate program), Universidad Simón Bolívar, Venezuela.	
AREAS OF SPECIALIZATION	Galaxy formation and evolution; Observational and theoretical astronomy; The growth of structure in the Universe; Gas stripping in galaxies in clusters, groups and filaments.	
CURRENT POSITION	2018- Present: Prof. Adjunto, Instituto de Física y Astronomía, Universidad de Valparaíso, Chile	
APPOINTMENTS HELD	2015-2018: Postdoctoral Fellow at the European Southern Observatory (Chile), with duties as support astronomer at the Very Large Telescope, Paranal Observatory. 2012-2015: FONDECYT Fellow, hosted by Universidad de Concepción (UdeC, Chile). 2011-2012: Postdoctoral Fellow at Osservatorio Astronomico di Padova (INAF), Italy. 2008-2009: Visiting postgraduate student at European Southern Observatory (ESO), Germany. 2007-2007: Visiting undergraduate student at Goddard Space Flight Center (NASA), U.S.A. 2006-2007: Visiting undergraduate (thesis) student at Centro de Investigaciones de Astronomía, Venezuela.	
HONORS AND AWARDS	2010: Second place in the Shell “Very early career woman physicist of the year” award, London, UK. 2008: Three-year Scholarship from the Venezuelan Academy of Science. 2007: Three-year Scholarship from the School of Physics & Astronomy of The University of Nottingham. 2007: Undergraduate degree in Physics awarded <i>Cum Laude</i> distinction. 2007: Undergraduate thesis awarded <i>honorific distinction</i>	
PROFESSIONAL SERVICE	<ul style="list-style-type: none">• Referee for <i>The Astrophysical Journal</i> (ApJ) and <i>Astronomy & Astrophysics</i> (A&A) in several occasions.• Member of the Chilean Time Allocation Committee since 2018.• Evaluator of ALMA-CONICYT projects in 2017.• Reviewer for WTZ (Scientific & Technological Cooperation) France 2017-18 grants.• Panel member of the Fellowship and Studentship Selection Committee at ESO-Chile in 2017.	
SELECTED REFEREED PUBLICATIONS (FROM 48 ARTICLES WITH 398 CITATIONS)	<ul style="list-style-type: none">• <u>Y. L. Jaffé</u>, B. Poggianti, A. Moretti, M. Gullieuszik, R. Smith, B. Vulcani, G. Fasano, J. Fritz, S. Tonnesen, D. Bettoni, G. Hau, A. Biviano, C. Bellhouse, S. McGee, “<i>GASP IX. Jellyfish galaxies in phase-space: an orbital study of intense ram-pressure stripping in clusters</i>”, (2018) <i>MNRAS</i>, in press.• G. Rudnick, P. Jablonka, J. Moustakas, A. Aragon-Salamanca, D. Zaritsky, <u>Y. L. Jaffé</u>, et al. “<i>Determining the Halo Mass Scale where Galaxies Lose Their Gas</i>”, (2017) <i>ApJ</i>, 850, 181.• B. M. Poggianti, <u>Y. L. Jaffé</u>, A. Moretti, M. Gullieuszik, M. Radovich, S. Tonnesen, J. Fritz, D. Bettoni, B. Vulcani, G. Fasano, C. Bellhouse; G. Hau, A. Omizzolo. “<i>Ram pressure feeding supermassive black holes</i>”, (2017) <i>Nature</i>, 548, 304.• C. Bellhouse, <u>Y. L. Jaffé</u>, et al., “<i>GASP II. A MUSE view of extreme ram-pressure stripping along the line of sight: kinematics of the jellyfish galaxy JO201</i>”, (2017) <i>ApJ</i>, 844, 49.• H. Yoon, A. Chung, R. Smith & <u>Y. L. Jaffé</u>, “<i>A history of HI stripping in Virgo: a phase-space view of VIVA galaxies</i>” (2017) <i>ApJ</i>, 838, 81 <p><u>Y. L. Jaffé</u>, R. Smith, G. N. Candlish, B. M. Poggianti, Y-K. Sheen, M. Verheijen, “<i>BUDHIES II: a phase-space view of H I gas stripping and star formation quenching in cluster galaxies</i>” 2015, <i>MNRAS</i>, 448, 1715.</p>	
ROLE IN ISSI TEAM	Characterize the environment of nearby and distant galaxies, as well as investigate the physical mechanisms quenching their star formation.	