

## Dr. Yara L. Jaffé - Curriculum Vitae

PERSONAL DETAILS	European Southern Observatory Alonso de Cordova 3107 Vitacura, Santiago, Chile	Office: +56 2 24633074 Mobile: +56 9 53304322 Web: <a href="http://www.sc.eso.org/~yjaffe/">http://www.sc.eso.org/~yjaffe/</a>
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.	
CURRENT POSITION	2015-Present: Postdoctoral fellow at the European Southern Observatory (Chile), with duties as support astronomer at the Very Large Telescope, Paranal Observatory.	
APPOINTMENTS HELD	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 Astronomia, 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>honoris</i> <i>distinction</i>	
PROFESSIONAL SERVICE	Referee for <i>The Astrophysical Journal</i> (ApJ) in several occasions. Reviewer in European grant reviewing committees.	
SELECTED REFEREED PUBLICATIONS (FROM 28 ARTICLES WITH 207 CITATIONS)	B. M. Poggianti, G. Fasano, A. Omizzolo, M. Gullieuszik, D. Bettoni, A. Moretti, A. Paccagnella, <u>Y. L. Jaffé</u> , B. Vulcani, J. Fritz, W. Couch, M. D’Onofrio, “ <i>Jellyfish galaxy candidates at low redshift</i> ” (2016), <i>AJ</i> , 151, 78. X. Fernández, (inc. <u>Y. L. Jaffé</u> ), et al. “ <i>Highest Redshift Image of Neutral Hydrogen in Emission: A CHILES Detection of a Starbursting Galaxy at <math>z = 0.376</math></i> ” (2016) <i>ApJ Letters</i> , 824, 1. <u>Y. L. Jaffé</u> , M. A. Verheijen, C. P. Haines, R. Cybusky, M. Montero-Castano, A. Chung, B. Z. Deshev, X. Fernandez, J. van Gorkom, B. M. Poggianti, R. Smith, H. Yoon, et al. “ <i>BUDHIES III: The fate of HI and the quenching of galaxies in evolving environments</i> ” (2016) <i>MNRAS</i> , 461, 1202. <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. <u>Y. L. Jaffé</u> , A. Aragon-Salamanca, B. Ziegler, H. Kuntschner, D. Zaritsky, G. Rudnick, B. M. Poggianti, C. Hoyos, C. Halliday, R. Demarco, “ <i>Ionized gas disks in Elliptical and S0 galaxies at <math>z &lt; 1</math></i> ” 2014, <i>MNRAS</i> , 440, 3491. <u>Y. L. Jaffé</u> , B. M. Poggianti, M. Verheijen, B. Deshev, and J. van Gorkom, “ <i>BUDHIES I: characterizing the environment in and around two clusters at <math>z \sim 0.2</math></i> ” 2013, <i>MNRAS</i> , 431, 2111 <u>Y. L. Jaffé</u> , B. M. Poggianti, M. Verheijen, B. Deshev, and J. van Gorkom, “ <i>Gas reservoirs and star formation in a forming galaxy cluster at <math>z \sim 0.2</math></i> ” 2012, <i>ApJL</i> , 756, 28.	
ROLE IN ISSI TEAM	Characterize the environment of nearby and distant galaxies, as well as investigate the physical mechanisms quenching their star formation.	