

Andrés Jordán

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Born: December 29, 1975—Santiago, Chile

Nationality: Chilean/Italian

Current position

Associate Professor, Instituto de Astrofísica, Pontificia Universidad Católica de Chile

Areas of specialization

Discovery and Characterization of Extrasolar planets

Instrumentation, especially small telescopes

Nearby early-type galaxies and their star clusters

Time domain Astronomy

Appointments held

2004-2007	ESO Fellow, European Southern Observatory, Deutschland
2007-2008	Clay Fellow, Harvard-Smithsonian Center for Astrophysics, USA
2008-2012	Assistant Professor, Instituto de Astrofísica, Pontificia Universidad Católica de Chile

Education

1998	BSc in Physics, Universidad de Chile
2004	PhD in Astronomy, Rutgers University, USA

Awards, Fellowships and Distinctions

2016	Selected for the “Frontier Science Program” of the Chilean Academy of Sciences.
2014	Selected by LatinAmericanScience.Org and Qué Pasa magazine as one of the 30 most

	influential scientist under 40 in Latin America
2013	UC-Santander China Fellowship
2009	Visiting Professor, Institut d'Astrophysique de Paris, Université de Paris VI (PICS-CNRS)
2007	Clay Fellowship, Harvard-Smithsonian Center for Astrophysics
2004	ESO Fellowship, European Southern Observatory
2004	Chosen as one of the 100 leaders under 30 years in Chile by <i>El Mercurio</i>
2001-2004	Claudio Anguita Fellowship (NSF-AURA)
1994-1997	Academic Excellence Scholarship, Universidad de Chile

Publications

Over 130 refereed articles accumulating more than 6400 citations to date. Lists of publications in the form of ADS libraries can be found by following these links: 1. [full list of publications](#) 2. publications in the field of [extrasolar planets and binaries](#).

SELECTED RECENT (2013+) ARTICLES

2016a	Espinoza & Jordán, “Limb darkening and exoplanets - II. Choosing the best law for optimal retrieval of transit parameters”, <i>Monthly Notices of the Royal Astronomical Society</i>
2016b	Espinoza, Brahm, Jordán et al., “Discovery and Validation of a High-Density sub-Neptune from the K2 Mission”, <i>Astrophysical Journal</i>
2015a	Brahm, Jordán, Bakos et al., “HATS-17b: A Transiting Compact Warm Jupiter in a 16.3 Days Circular Orbit”, <i>Astronomical Journal</i> , in press
2015b	Espinoza & Jordán “Limb darkening and exoplanets: testing stellar model atmospheres and identifying biases in transit parameters”, <i>Monthly Notices of the Royal Astronomical Society</i>
2014a	Jordán, Brahm, Bakos et al., “HATS-4b: A Dense Hot Jupiter Transiting a Super Metal-rich G star”, <i>Astronomical Journal</i>
2014b	Fraine, Deming, Benneke, Knutson, Jordán et al., “Water vapour absorption in the clear atmosphere of a Neptune-sized exoplanet”, <i>Nature</i>
2013	Jordán, Espinoza, Rabus et al. “A Ground-based Optical Transmission Spectrum of WASP-6b”, <i>Astrophysical Journal</i>

Teaching & graduate student supervision

2012-now	PhD advisor for Néstor Espinoza (PhD expected May 2017)
2011-2016	PhD advisor for Rafael Brahm (PhD awarded Jan 2016)
2011-2012	MSc advisor for Mauricio Ortiz (MSc awarded 2012)
2008-now	Lecturer for the following courses: Astrostatistics, Exoplanets, Experimental Astrophysics, Extragalactic Astrophysics, Mechanics

Service to the profession

2016-now	Panel Member of the ESO proposal review.
2014-now	Member of the Board of the Chilean National Time Allocation Committee.
2015-2016	Member, Astronomy, Cosmology and Particles review panel of FONDECYT.
2013-2015	Director, Astronomy, Cosmology and Particles review panel of FONDECYT.
2014	Panel member for the Chilean National Time Allocation Committee (CNTAC).
2012-2014	Panel member for the ALMA proposal review; Chair of the Chilean Review Committee.
2012-2014	Member of the Advisory Board of the Astronomy program of CONICYT.
2012-2013	Member of the Physics review panel of FONDECYT.
2009-2011	Panel member for the Chilean National Time Allocation Committee (CNTAC).
2008	Panel member for the Chandra X-Ray telescope Time Allocation Committee.
2007	External Examiner for a PhD thesis at the Australian National University.
2005-now	Referee for ApJ, PASP, MNRAS, A&A, Canadian TAC and CONICYT.

Grants

2015-now	Principal Investigator, QUIMAL project “Development of HATPI for high cadence ultra-precise monitoring of the entire optical sky” (200 million CLP)
2014-now	Investigador Asociado, Instituto Milenio de Astrofísica “MAS” (≈ 900 million CLP/year)
2013-now	Principal Investigator, Fondecyt Regular project 1130857 (≈ 120 million CLP)
2009-now	Researcher, BASAL-CATA
2013-2015	Principal Investigator, FONDEQUIP project EQM 130030 (≈ 140 million CLP)
2009-2014	Investigador Asociado, Núcleo Milenio “MWM” (≈ 200 million CLP/year)
2009-2013	Investigador Asociado, proyecto Anillo ACT-086
2011-2013	Principal Investigator, ALMA-CONICYT project 31110009 (USD 70000)
2009-2011	Principal Investigator, ALMA-CONICYT project 31090015 (USD 70000)
2009-2012	Principal Investigator, Fondecyt Regular project 1095213 (≈ 100 million CLP)