

CURRICULUM VITAE for Simon Casassus, August 2022

PERSONAL DATA			
<i>Surname</i> CASASSUS	<i>Mother's name</i> MONTERO	<i>Name</i> Simon	<i>Identification number</i> 8.395.350-0
<i>Birth date</i> 03 July 1970	<i>Gender (M o F)</i> M	<i>Nationality</i> Chilean	<i>Academic Degree</i> Ph.D. Oxford University 1999
<i>Current position</i> Full Professor	<i>Institution (Department, Faculty, Institution)</i> Departamento de Astronomía, FCFM, Universidad de Chile		
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ACADEMIC AND PROFESSIONAL EXPERIENCE			
<p>Dr. Simon Casassus is Full Professor at the Astronomy Department of the Faculty of Physical and Mathematical and Sciences (FCFM), “Universidad de Chile”, and regularly lectures on undergraduate physics and postgraduate astrophysics. S.C has participated in 127 ISI papers, for a total of 8449 refereed citations, and has first-authored 25 papers (13 MNRAS, 3 A&A, 5 ApJ, 2 ApJL, 1 PASA, 1 Nature). Eight of his thesis students have first-authored papers for their degrees. He has authored 60 articles as 1st, 2nd or 3rd author. His h-index is 48.</p> <p>His current research topic is on observations of planet formation. Until April 2018 he was the PI of the associative group Millennium Nucleus “Protoplanetary disks in ALMA Early Science”, funded by the Chilean Ministry of Economy until Dec. 2017, and described in http://madnucleus.com. S.C. combines radio/IR expertise in observations of circumstellar dust and gas. His IR expertise, originally earned during his Ph.D. on planetary nebulae, lies in the observation of photo-dissociation regions (PDRs). His radio expertise includes synthesis imaging and the statistical assessment of interferometer data. This expertise was earned as a postdoc with the Cosmic Background Imager experiment (led by Pr. Tony Readhead), and perfected as Assistant Professor at FCFM, where he designed new algorithms for image reconstruction. As Associate Professor he created a line of research on radio emission mechanisms in the interstellar medium and on the formation of molecular hydrogen. S.C. further developed his knowledge on PDRs during his sabbatical at the Observatoire de Paris-Meudon in 2009-2010, as a Marie Curie fellow. He is now applying his expertise to radio/IR observations of protoplanetary disks.</p>			
EMPLOYMENT			
2013 – present full-time Full Professor, Astronomy Dept., FCFM.			
2006 – 2013 full-time Associate Professor, Astronomy Dept., FCFM.			
2002 – 2005 full-time Assistant Professor, Astronomy Dept., FCFM.			
1999 – 2001 Postdoctoral position (Caltech Moffat Fellowship), Astronomy Dept., FCFM.			
AWARDS & GRANTS AS PRINCIPAL INVESTIGADOR (last 10 years):			
FONDECYT national research funding regular competition 2021, 4 years (#1211496)			
ALMA-CONICYT fund 2018, 2 years (#311800502018) - funds for a postdoctoral researcher.			
FONDECYT national research funding regular competition 2017, 4 years (#1171624)			
“Nucleo Milenio” RC13007, 2015 – 2017, “Protoplanetary disks”			
FONDEQUIP 2015, funds for an HPC cluster, (#EQM140101).			
Gemini-CONICYT 2014, 5 years (#32130007), funds for a research fellowship on planet formation.			
FONDECYT national research funding regular competition 2013, 4 years (#1130949)			
ALMA-CONICYT fund 2013, 2 years (#32120006) – funds for a postdoctoral researcher.			
“Nucleo Milenio” P10-022-F, 2012 – 2014, “Protoplanetary disks in ALMA Early Science”			
FONDECYT regular competition 2010, 3 years (#1100221)			
Marie Curie International Incoming Fellowship (European Commission) 2009, 1 year, taken at Observatoire de Paris & LUTH (CNRS) (#236176)			

