

EDUCATION	<b>National University Of La Plata.</b> La Plata, Argentina. 2012 – 2016 PhD. in Physics (advisor: Prof. Diego Correa). Thesis title: <i>Integrability in the AdS/CFT correspondence.</i>
	<b>National University Of La Plata.</b> La Plata, Argentina. 2006 – 2011 <i>Licenciatura en Física</i> (MSc. in Physics equiv.; advisor: Prof. Diego Correa). Thesis title: <i>Open spin chains and integrability.</i>
EMPLOYMENT	<b>Postdoctoral researcher,</b> 2018 – PRESENT Institut des Hautes Études Scientifiques, France.
	<b>Postdoctoral researcher,</b> 2018 <i>Service Physique Théorique et Mathématique,</i> Université Libre de Bruxelles, Belgium.
	<b>B. W. Lee Postdoctoral Research Fellow,</b> 2016 – 2018 <i>Fields, Gravity &amp; Strings, Center for Theoretical Physics of the Universe,</i> Institute for Basic Science, Seoul, Korea.
	<b>Stipendiary Teaching Assistant in Physics,</b> 2008 – 2016 <i>Physics Department,</i> National University of La Plata, Argentina.
	<b>Stipendiary Teaching Assistant in Mathematics,</b> 2007 – 2010 <i>Mathematics Department,</i> National University of La Plata, Argentina.
FUNDING & AWARDS	<b>Aspen Center for Physics – Summer Program Fellowship</b> 2018 Simons Foundation.
	<b>5-year PhD. fellowship,</b> 2012 – 2016 National Commission for Scientific and Technical Research (CONICET, Argentina).
	<b>Research training grant for university students,</b> 2010 – 2011 Buenos Aires Province Scientific Research Commission (CICPBA, Argentina).
	<b>Support grant for young talents in basic sciences,</b> 2008 Buenos Aires Province Scientific Research Commission (CICPBA, Argentina).
	<b>Summer course grant,</b> 2008 Institute for Pure and Applied Mathematics (IMPA, Brazil).
	<b>International Collegiate Programming Contest World Finalist,</b> 2009 & 2010 Honourable mention awarded by Association for Computing Machinery (ACM).
OUTREACH	<b>International Collegiate Programming Contest</b> 2011 – 2017 Organizer, problem-setter and judge, ACM–ICPC South American Regional Contest.
	<b>Argentinian Programming Tournament</b> 2011 – 2017 Organizer, director of problem-setting committee and judge.
	<b>Volunteer</b> 2005 Providing school support in math for underprivileged elementary-school students in outer La Plata region, Argentina.

INVITED MINI-COURSES TAUGHT	<b>Mathematica Programming for Physics</b>	
	<i>Advanced Numerical and Symbolic Computation in Mathematica</i> ,	2019
	Universidad Adolfo Ibáñez, Santiago, Chile	
	<b>Competitive Programming</b>	
	<i>ICPC Caribbean Training Camp</i> (two weeks, 30h theory, 50h practice),	2015
	Universidad de Ciencias Informáticas, La Habana, Cuba.	
	<i>Training Camp Argentina</i> (two weeks, 20h theory, 40h practice),	
	Universidad Nacional del Sur, Bahía Blanca, Argentina;	2015
	Universidad Nacional de La Plata, La Plata, Argentina.	2014
	<i>Peruvian Programming Training Camp</i> (one week, 15h theory, 25h practice),	2013
TEACHING ASSISTANTSHIPS	Universidad Católica San Pablo, Arequipa, Perú.	
	<i>Programming Olympiads Winter School</i> (one week, 15h theory, 25h practice),	2013
	Universidade Federal de Campina Grande, Paraíba, Brazil.	
	<i>Brazilian ICPC Summer School</i> (one week, 15h theory, 25h practice),	2012, 2013 & 2022
	Universidade Estadual de Campinas, São Paulo, Brazil.	
	<i>Introduction to programming competitions</i> (one week, 20h theory, 20h practice),	
	Universidad ORT, Montevideo, Uruguay;	2014
	Universidad Nacional de Asunción, Asunción, Paraguay.	2012
	<hr/>	
	<b>Universidad Nacional de La Plata</b>	
SAMPLE TALKS & CLASSES	<i>Physics Department</i>	2008 – 2016
	General Relativity, Statistical Mechanics, Analytical Mechanics, Physics I, II & III	
	<i>Mathematics Department</i>	2007 – 2010
	Calculus I & II	
	<i>Rafael Hernández High School</i>	2007
	Euclidean Geometry	
	<hr/>	
	<b>Physics seminar</b>	
	<i>Phase diagrams for melonic tensor / disordered models</i> (video link),	2018
	Princeton Center for Theoretical Science, Princeton, USA.	
RESEARCH VISITS	<b>Programming tutorial</b>	
	<i>Problem solutions for ACM ICPC World Finals 2012</i> (video link),	2013
	Universidade Estadual de Campinas, São Paulo, Brazil.	
	<hr/>	
	<b>Université Libre de Bruxelles</b> , Brussels, Belgium.	2017
	Visitor at the <i>Physique Théorique et Mathématique</i> group, three weeks.	
	<b>Wigner Research Centre for Physics</b> , Budapest, Hungary.	2015
	Visitor at the <i>Institute for Particle and Nuclear Physics</i> , three weeks.	
	<b>South American Institute for Fundamental Research</b> , São Paulo, Brazil.	2015
	<i>Program on Integrability, Holography and the Conformal Bootstrap</i> , one month.	
	<b>Perimeter Institute for Theoretical Physics</b> , Waterloo, Canada.	2013 & 2014
	<i>Visiting Graduate Fellow</i> , four months.	

	<b>South American Institute for Fundamental Research</b> , São Paulo, Brazil. <i>Program on Amplitudes and Correlation Functions</i> , two weeks.	2013
<hr/>		
SELECT SCHOOLS & WORKSHOPS	<b>IRN: Quantum Fields and Strings – kick-off meeting</b> , Fédération Denis Poisson, Tours, France.	2021
	<b>Critical Phenomena in Statistical Mechanics and Quantum Field Theory</b> , Princeton Center for Theoretical Science, Princeton, USA.	2018
	<b>SYK models: from interacting quantum matter to black holes</b> , Aspen Center for Physics, Aspen, USA.	2018
	<b>Third ERC (HoloBHC) Solvay Workshop on “Holography”</b> , Université Libre de Bruxelles & International Solvay Institutes, Brussels, Belgium.	2018
	<b>Mini-school on Entanglement and Quantum Phase Transition</b> , Asia Pacific Center for Theoretical Physics (APCTP), Pohang, South Korea.	2017
	<b>Spring School on Superstring Theory and Related Topics</b> , International Centre for Theoretical Physics (ICTP), Trieste, Italy.	2013
	<b>Mathematica Summer School on Theoretical Physics</b> , South American Institute for Fundamental Research (ICTP–SAIFR), São Paulo, Brazil. International Centre for Theoretical Physics (ICTP), Trieste, Italy.	2012 & 2013
	<b>School on Holographic View of Condensed Matter Physics</b> , International Institute of Physics (IIP), Natal, Brazil.	2011
	<b>Latin American String School 2010</b> , Federal University of São Paulo (UNIFESP), São Paulo, Brazil.	2010
<hr/>		
OTHERS	<b>Programming:</b> proficient with C/C++, Mathematica and Python; DeepLearning.AI TensorFlow developer; experience with Amazon Web Services and Google Cloud. <b>Languages:</b> Spanish (native), English (fluent), French and Portuguese (advanced). <b>Hobbies:</b> Running, cooking, bicycle touring.	