

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

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

South American Institute for Fundamental Research, São Paulo, Brazil. 2013
Program on Amplitudes and Correlation Functions, two weeks.

SELECT SCHOOLS & WORKSHOPS

Critical Phenomena in Statistical Mechanics and Quantum Field Theory, 2018
 Princeton Center for Theoretical Science, Princeton, USA.

SYK models: from interacting quantum matter to black holes, 2018
 Aspen Center for Physics, Aspen, USA.

Third ERC (HoloBHC) Solvay Workshop on “Holography”, 2018
 Université Libre de Bruxelles & International Solvay Institutes, Brussels, Belgium.

Mini-school on Entanglement and Quantum Phase Transition, 2017
 Asia Pacific Center for Theoretical Physics (APCTP), Pohang, South Korea.

Spring School on Superstring Theory and Related Topics, 2013
 International Centre for Theoretical Physics (ICTP), Trieste, Italy.

Mathematica Summer School on Theoretical Physics, 2012 & 2013
 South American Institute for Fundamental Research (ICTP-SAIFR), São Paulo, Brazil.
 International Centre for Theoretical Physics (ICTP), Trieste, Italy.

School on Holographic View of Condensed Matter Physics, 2011
 International Institute of Physics (IIP), Natal, Brazil.

Latin American String School 2010, 2010
 Federal University of São Paulo (UNIFESP), São Paulo, Brazil.

OTHERS

Programming: proficient with C/C++, Mathematica and Python; DeepLearning.AI TensorFlow developer; experience with Amazon Web Services and Google Cloud.

Languages: Spanish (native), English (fluent), French and Portuguese (advanced).

Hobbies: Running, cooking, bicycle touring.