

# ROCIO AYLÉN KIMAN

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The Graduate Center, CUNY  
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<b>Education</b>	The Graduate Center, CUNY, USA Ph.D. in Physics Thesis Advisor: Prof. Kelle Cruz	2016 - Expected Spring 2021
	Universidad de Buenos Aires, Argentina Licenciatura in Physics Thesis Title: “Higgs boson pair production at the LHC” Thesis Advisor: Prof. Daniel de Florian	2011 - 2016
<b>Appointments</b>	Graduate Research Assistant Research Foundation, CUNY	August 2017 - Present
	Non-Teaching Adjunct Hunter College, CUNY	August 2017 - Present
	Non-Teaching Adjunct Graduate Center, CUNY	August 2016 - August 2017
	Teaching Assistant Universidad de Buenos Aires, Argentina Teaching assistant for Classical Mechanics classes.	March 2016 - August 2016
<b>Grants &amp; Awards</b>	Sigma Xi Grants in Aid of Research for \$4334, 2019	
	Doctoral Student Research Grant (Round 14) for \$875, 2019.	
	Provosts Pre-Dissertation Research Fellowship for the Sciences for \$5000, 2019.	
	CUNY Science Scholarship, 2016.	
<b>Publications</b>	<i>Exploring the age dependent properties of M and L dwarfs using Gaia and SDSS.</i> <b>Kiman, R.</b> , Schmidt, S.J., Angus, R., Cruz, K.L., Faherty, J.K. & Rice, E., 2019, The Astronomical Journal, 157, 6, 231, doi: 10.3847/1538-3881/ab1753	
<b>Talks</b>	<i>TRAPPIST-1 in the context of M-dwarfs re-defined by Gaia DR2.</i> Contributed talk, TRAPPIST-1 conference, June 11-14, 2019, Liège, Belgium.	
	<i>Finding Age Relations for Low Mass Stars Using Magnetic Activity and Kinematics.</i> Invited talk, May 23, 2019, Princeton University, NJ, USA.	
	<i>Finding age relations for low mass stars using magnetic activity and kinematics.</i> Contributed talk, Big Apple Magnetic Fields Conference, January 24-25, 2019, Center for Computational Astrophysics at the Flatiron Institute, NY, New York, USA.	
	<i>An Open Discussion on Software.</i> Invited panelist, AAS 233, 6-10 January, 2019, Seattle, Washington, USA	

*Age Dating Low Mass Stars Using Galactic Kinematics.* Contributed talk, Cool Stars, July 30 to August 3, 2018, Boston-Cambridge, USA.

*Age Dating Low Mass Stars Using Galactic Kinematics.* Contributed talk, Graduate Research Conference, May 10, 2018, College of Staten Island, NY, USA.

*Gaia-Cupid: Age-dating low mass stars using galactic kinematics.* Lightning Talk, SDSS-IV Collaboration Meeting, 24-26 July 2017, Santiago, Chile.

**Poster  
Presentations**

*Finding age relations for low mass stars using magnetic activity and kinematics.* Kiman, R., Schmidt, S.J., Angus, R., Cruz, K.L., Faherty, J.K. & Rice, E., AAS 233, 6-10 January, 2019, Seattle, Washington, USA.

*Age Dating Low Mass Stars Using Galactic Kinematics.* Kiman, R., Schmidt, S.J., Angus, R., Cruz, K.L., Faherty, J.K. & Rice, E., Cool Stars, July 30 to August 3, 2018, Boston-Cambridge, USA.

*Age Dating Low Mass Stars Using Galactic Kinematics.* Kiman, R., Cruz, K.L., Angus, R., Schmidt, S.J. & Faherty, J.K., AAS 231, 8-12 January, 2018, Washington DC, USA.

*Gaia-Cupid: Age-dating low mass stars using galactic kinematics.* Kiman, R., Cruz, K.L., Angus, R., Schmidt, S.J. & Faherty, J.K., BDExoCon II, 26-27 October 2017, Delaware, USA.

*Photolysis of caged compounds with controlled temporal modulation.* Kiman, R., Camino, P., Ponce Dawson, S., Lopez, L., Piegari, S., 99 RNF-AFA (National Meeting of the Physical Association Argentina) 22-25 September, 2014, Buenos Aires, Argentina.

**Conferences  
Attended**

*TRAPPIST-1 conference.* June 11-14, 2019, Liège, Belgium.

*AAS 233.* 6-10 January, 2019, Seattle, Washington, USA.

*.Astronomy X.* 24-27 September 2018, Baltimore MD, USA.

*Cool Stars.* July 30 to August 3, 2018, Boston-Cambridge, USA.

*Gaia Sprint.* 4-8 to June, 2018, Center for Computational Astrophysics at the Flatiron Institute, NY, New York, USA.

*Python in Astronomy.* April 30 to May 4, 2018, Center for Computational Astrophysics at the Flatiron Institute, NY, New York, USA.

*Gaia DR2 Sprint.* 25-27 April, 2018, Center for Computational Astrophysics at the Flatiron Institute, NY, New York, USA.

*AAS 231.* 8-12 January, 2018, Washington DC, USA.

*BDExoCon II.* 26-27 October 2017, Delaware, USA.

*SDSS-IV Collaboration Meeting.* 24-26 July 2017, Santiago, Chile.

**Schools  
Attended**

*Space Astrometry For Astrophysics.* 3-7 June 2019, L'Aquila, Italy

*IYAS on the scientific exploration of the Gaia data.* February 26 to March 2, 2018, Paris, France.

*La Serena School of Data Science.* 21-29 August, 2017, La Serena, Chile.

**Outreach  
Activities**

Outreach Assistant

2014 - 2016

Universidad de Buenos Aires, Argentina

Presenter at the “Physics week” for high-school students, 2014-2015.

Presenter at the “Museum’s night”, 2014-2015.

Presenter at the Book Fair in Buenos Aires, May 2015.

Monthly outreach talks for high-school students about the career in Physics.