

# ROCIO AYELÉN KIMAN

Citizenship: Argentina  
Email: rociokiman@gmail.com  
Phone: +1 908 7372957

The Graduate Center, CUNY  
Office Address: American Natural History Museum  
Central Park West at 79th Street  
New York, NY 10024, USA

<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>	Doctoral Student Research Grant (Round 14) for \$875, 2019.	
	Provosts Pre-Dissertation Research Fellowship for the Sciences for \$5,000, 2019.	
	Cycle 49 PSC-CUNY Research Award for \$6,000 with Prof. Kelle Cruz, 2018.	
	CUNY Science Scholarship, 2016.	
<b>Publications &amp; Tutorials</b>	<i>Exploring the age dependent properties of M and L dwarfs using Gaia and SDSS.</i> Kiman, R., Schmidt, S.J., Angus, R., Cruz, K.L., Faherty, J.K. & Rice, E. Submitted to Astronomical Journal, currently under revision after review.	
	<b>User-Defined-Model.</b> Astropy Tutorial.	
	<b>Models-Quick-Fit.</b> Astropy Tutorial.	
<b>Talks</b>	<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>Age Dating Low Mass Stars Using Galactic Kinematics.</i> Contributed talk, Cool Stars, July 30 to August 3, 2018, Boston-Cambridge, USA.	
	<i>Age Dating Low Mass Stars Using Galactic Kinematics.</i> 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**

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

**Schools  
Attended**

*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.