

ROCIO AYELÉN KIMAN

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The Graduate Center, CUNY
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Education	The Graduate Center, CUNY, USA Ph.D. in Physics Thesis Advisors: Prof. Kelle Cruz & Dr. Jackie Faherty	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
Appointments	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
Grants & Awards	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.	
Publications	<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., 2019, The Astronomical Journal, 157, 6, 231, doi: 10.3847/1538-3881/ab1753	
Talks	<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.