

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 Assistant A Hunter College, CUNY	August 2019 - Present
	Graduate Research Assistant Research Foundation, CUNY	August 2017 - Present
	Non-Teaching Adjunct Hunter College, CUNY	August 2017 - August 2019
	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.	
	CONICET Doctoral Fellowship, 2016.	
Publications	<i>Exploring the age dependent properties of M and L dwarfs using Gaia and SDSS. 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</i>	
	<i>Toward Precise Stellar Ages: Combining Isochrone Fitting with Empirical Gyrochronology. Angus, R., Morton, T. D., Foreman-Mackey, D., van Saders, J., Curtis, J., Kane, S. R., Bedell, M., Kiman, R., Hogg, D. W.; Brewer, J. The Astronomical Journal, Volume 158, Issue 5, article id. 173, 12 pp. (2019). doi: 10.3847/1538-3881/ab3c53</i>	

- Selected Talks** *Age-dating low mass stars using magnetic activity and kinematics.* Invited talk, January 10 2020, Gemini Observatory, Hilo, HI, USA.
- TRAPPIST-1 in the context of M-dwarfs re-defined by Gaia DR2.* Contributed talk, TRAPPIST-1 conference, June 11-14, 2019, Liège, Belgium.
- Finding Age Relations for Low Mass Stars Using Magnetic Activity and Kinematics.* Invited talk, May 23, 2019, Princeton University, NJ, USA.
- Finding age relations for low mass stars using magnetic activity and kinematics.* Contributed talk, Big Apple Magnetic Fields Conference, January 24-25, 2019, Center for Computational Astrophysics at the Flatiron Institute, NY, New York, USA.
- An Open Discussion on Software.* 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.
- Poster Presentations** *Age-Activity relation for M dwarfs using $H\alpha$ equivalent widths* Kiman R., Faherty J., Cruz K., Xu S., Schmidt S., Angus R., Gagné J., Bardalez Gagliuffi D., Rice E., AAS 235, 4-8 January, 2020, Honolulu, HI, USA.
- 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** *BDExoCon III.* 21-22 October, 2019, Newark, DE, USA.
- AAS 235.* 4-8 January, 2020, Honolulu, HI, USA.
- 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, Newark, DE, 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.