Eugenia Ellis

Curriculum Vitae

Facultad de Ingeniería, Instituto de Matemática y Estadística
Av. Julio Herrera y Reissig 565, CP 11300, Montevideo, Uruguay
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Personal dates

Name **María Eugenia Ellis Raggio**.

Place of birth Montevideo, Uruguay

Current positions

- Assistant Professor, Gr. 3, *Instituto de Matemática y Estadística*, *Facultad de Ingeniería, UDELAR*.
- Junior researcher of National System of Researches, ANII, Uruguay.
- Researcher of the Program for the Development of Basic Science, PEDECIBA, Uruguay.

Education

2007–2011 **Doctorado en Matemáticas (PhD in Pure Mathematics)**,
Universidad de Valladolid, Spain.

2005–2007 **Diploma de Estudios Avanzados (Master in Pure Mathematics)**,
Universidad de Valladolid, Spain.

1999–2004 **Licenciatura en Matemática (Diploma in Pure Mathematics)**,
Universidad de la República, Uruguay.

Positions

Teaching and Research Positions

06/2015–06/2022 **Assistant Professor, Gr 3, Dedicación Total**, *Facultad de Ingeniería, IMERL, Universidad de la República, Uruguay*.

03/2014–05/2015 **Assistant, Gr 2, Dedicación Total**, *Facultad de Ingeniería, IMERL, Universidad de la República, Uruguay*.

08/2013–03/2014 **Assistant Professor, Gr 3, 40hs**, *Facultad de Ciencias, CMAT, Universidad de la República, Uruguay*.

12/2004–03/2014 **Assistant, Gr 2, 20hs**, *Facultad de Ingeniería, IMERL, Universidad de la República, Uruguay*.
On leave for studies 2004-2010

08/2005–07/2013 **Assistant, Gr 2, 30hs**, *Facultad de Ciencias, CMAT, Universidad de la República, Uruguay*.
On leave for studies 2004-2010

11/2009–02/2011 **Ayudante de primera, dedicación exclusiva, 40hs**, *Facultad de Ciencias Naturales y Exactas, DM, Universidad de Buenos Aires, Argentina*.

08/2001–07/2005	**Ayudante, Gr 1, 30hs**, *Facultad de Ciencias, CMAT, Universidad de la República, Uruguay.*
03/2004–10/2004	**Ayudante, Gr 1, 20hs**, *Facultad de Ingeniería, IMERL, Universidad de la República, Uruguay.*

Research Positions

06/2014–	**Researcher, Level: Candidato**, *National System of Researchers, ANII, Uruguay.*
11/2013–	**Researcher, Gdo 3**, *Program for the Development of Basic Science, PEDECIBA, Uruguay.*
07/2013–03/2014	**Postdoc**, *Program for the Development of Basic Science, PEDECIBA, Uruguay.*
10/2012–07/2013	**Postdoc**, *Freie Universität Berlin, Institut für Mathematik, Germany.*
07/2012–10/2012	**Postdoc**, *Program for the Development of Basic Science, PEDECIBA, Uruguay.*
2007–2009	**Personal investigador en formación, 40hs**, *Facultad de Ciencias, AGT, Universidad de Valladolid*, Spain.

Scholarships and Fellowships

2012–2013	**Research Fellowship**, *IMU Einstein Foundation Program, Berlin Mathematical School, Berlin, Germany.*
2005–2007	**Beca FPI**, *Ministerio de Educación y Ciencia, MEC*, Spain. PhD scholarship
2004–2005	**Beca de Maestría**, *Programa de Desarrollo de las Ciencias Básicas, PEDECIBA*, Montevideo. Master scholarship

Publications

Published Papers

[E2] **Equivariant algebraic kk-theory and adjointness theorems**, Journal of Algebra, 398 (2014), 200-226, http://www.sciencedirect.com/science/article/pii/S0021869313005358. http://dx.doi.org/10.1016/j.jalgebra.2013.09.023

[CE1] **Isomorphism conjectures with proper coefficients**, *(joint with G. Cortiñas)*, J. Pure Appl. Algebra, 218 (2014), 1224-1263, http://www.sciencedirect.com/science/article/pii/S002240491300220X. http://dx.doi.org/10.1016/j.jpaa.2013.11.016

[E4] **K-teoría algebraica y conjeturas de isomorfismo**, *Publicaciones Matemáticas del Uruguay*, Vol. 15, Junio 2016, 109-122. http://pmu.uy/pmu15/pmu15-0109.pdf

[E3] **Algebraic quantum kk-theory**, *Communications in Algebra*, 1-21, 2018, https://doi.org/10.1080/00927872.2018.1424877. http://arxiv.org/abs/1408.1639

[E6] **Equivariant algebraic kk-theory**, *Publicaciones Matemáticas del Uruguay*, Vol. 17, Junio 2019, 141-150. http://pmu.uy/pmu17/pmu17-0141.pdf

Accepted papers for publications

[ERTV] **Two examples of vanishing and squeezing in K1**, *(joint with E. Rodriguez, G. Tartaglia, S. Vega)*, New York Journal of Mathematics to appear, https://arxiv.org/abs/1907.06135.

Research Projects

Projects

FCE **K-theory and isomorphism conjectures**, *ANII - Fondo Clemente Estable*, Uruguay.
2019-2022

CSIC-INI **Algebraic aspect of isomorphism conjectures**, *Comisión Sectorial de Investigación Científica (Programa de Iniciación a la Investigación)*, Uruguay.
2012-2013

Conferences

Participation in the organization

7/2020 **Congreso Latinoamericano de Matemáticos (CLAM)**, *Montevideo*, Uruguay, https://clam2020.cmat.edu.uy/.
Co-organizer

12/2018 **Matemáticas en el Cono Sur**, *Montevideo*, Uruguay, https://www.fing.edu.uy/ eellis/mcs.html.
Co-organizer

from 29/11/2018 to **XXVII Encuentro Rioplatense de Álgebra y Geometría**, *Montevideo*, Uruguay,
1/12/2017 https://www.fing.edu.uy/imerl/erag2018/.
Co-organizer

from 29/11/2017 to **XXVI Encuentro Rioplatense de Álgebra y Geometría**, *Buenos Aires.*, Ar-
1/12/2017 gentina, http://www.mate.unlp.edu.ar/erag/.
Co-organizer

from 30/11/2016 to **XXV Encuentro Rioplatense de Álgebra y Geometría**, *La Plata*, Argentina,
2/12/2016 http://www.mate.unlp.edu.ar/ ggarcia/erag/.
Co-organizer

Participation with an oral presentation

from 22/01/2018 to **II Encuentro de Mujeres Matemáticas de América Latina**, *Universidad Aus-*
26/01/2018 *tral de Chile*, Valdivia, Chile.
Title talk: Endomorphisms of exotic models

from 31/08/2017 to **Satellite Conference on Operator Algebras (MCA2017)**, *The Fields Institute*,
29/07/2017 Toronto, Canada.
Title talk: Adjointness theorems in algebraic kk-theory

from 24/07/2017 to **Mathematical Congress of the Americas**, *Montreal*, Canada.
28/07/2017 Title talk: Algebraic quantum groups

from 25/07/2016 to **XXI Coloquio Latinoamericano de Álgebra**, *Buenos Aires*, Argentina.
29/07/2016 Title talk: Isomorphism conjectures with proper coefficients

from 16/3/2015 to **Spring School on Algebraic K-theory of Topological Algebras**, *Universität*
20/3/2015 *Regensburg*, Germany.
Title talk: Equivariant algebraic kk-theory

8/12/2014- 12/12/2014	**XX Coloquio Latinoamericano de Álgebra, Chaclacayo**, *Perú*, Homological methods session. Title talk: Equivariant algebraic kk-theory
27/06/2013	**Coloquio of Mathematisches Institut Georg-August**, *Universität Göttingen.*. Title talk: Farrell-Jones conjecture with proper coefficients

Participation with a poster presentation

from 13/9/2016 to 15/9/2016	**Women in Homotopy Theory and Algebraic Geometry**, *Freie Universitat*, Berlin, Germany.

Attended

from 1/8/2018 to 9/8/2018	**International Congress of Mathematicians**, *IMU*, Rio de Janeiro, Brasil.
from 31/7/2018	WM^2 **World Meeting for Women in Mathematics**, *IMU*, Rio de Janeiro, Brasil.
from 16/7/2018 to 26/7/2018	**K-theory conference**, *UBA-UNLP*, Buenos Aires, La Plata, Argentina.
from 24/4/2016 to 29/4/2016	**Women in Topology II**, *BIRS*, Banff, Canada.
from 18/1/2015 to 24/1/2015	**Geometric Topology**, *Mathematisches Forschungsinstitut Oberwolfach*, Oberwolfach, Germany.
from 27/5/2013 to 31/5/2013	**Syzygies in Berlin**, *Freie Universität*, Berlin, Germany.