

CURRICULUM VITAE

Guillermo Cortiñas

PERSONAL	Born January 15, 1962 in Buenos Aires, Argentina. Married, 3 children.
EDUCATION	Doctor en Ciencias Matemáticas, Universidad de Buenos Aires, 1989 Licenciado en Ciencias Matemáticas, Universidad de Buenos Aires, 1984
CURRENT POSITIONS	<i>Profesor Titular Plenario</i> , Univ. Buenos Aires. <i>Investigador Principal</i> , CONICET
AFFILIATION	Departamento de Matemática/IMAS Fac. Cs. Exactas y Naturales, UBA and CONICET
SELECTED INVITED ADDRESSES	<i>Reunión Anual de la Unión Matemática Argentina</i> , Rey Pastor Lecture, Universidad de San Luis, 2014. <i>International Congress of Mathematicians</i> , Seoul, South Korea, 2014, Invited Speaker, Algebra Session. <i>Congreso Latinoamericano de Matemáticos</i> , Córdoba, Argentina, 2012, Plenary Lecture. <i>Reunión Anual de la Unión Matemática Argentina</i> , González Domínguez Lecture, Universidad de Mar del Plata, 2009.
HONORS & AWARDS	<i>Humboldt Research Award</i> , 2016. <i>Algebra Panel Chair</i> , ICM 2018.
EDITORIAL	Annals of K -theory Journal of Homotopy and Related Structures Revista de la Unión Matemática Argentina
PHD THESIS DIRECTED	<i>Finished</i> 1. José Luis Castiglioni. <i>Dold-Kan correspondence for rings</i> . Universidad de Buenos Aires, 2003. 2. María Luisa de León Mallorquín. <i>K-theory and cyclic homology of hypersurfaces</i> . Universidad de La Laguna, Spain, 2008. 3. Rubén Burga. <i>Homology of complete intersections with isolated singularities</i> . Universidad Nacional de Ingeniería, Perú, 2009. 4. María Eugenia Ellis Raggio. <i>Equivariant kk-theory and isomorphism conjectures</i> . Universidad de Valladolid, España, 2011. 5. Gisela Tartaglia. <i>Algebraic and topological K-theory of group rings</i> . Universidad de Buenos Aires, 2015. 6. María Eugenia Rodríguez. <i>L^p-operator algebras associated to oriented graphs</i> . Universidad de Buenos Aires, 2016. <i>Current PHD students</i> 1. Diego Montero. Universidad de Buenos Aires. 2. Emanuel Rodríguez Cirone. Universidad de Buenos Aires. 3. Santiago Vega. Universidad de Buenos Aires.

SELECTED
PUBLICATIONS
(out of 54)

1. G. Cortiñas. The obstruction to excision in K-theory and in cyclic homology. *Invent. Math.* 454 (2006) 143–173.
2. G. Cortiñas, C. Haesemeyer, C. Weibel. K-regularity, cdh-fibrant Hochschild homology, and a conjecture of Vorst. *J. Amer. Math. Soc.*, 21 (2008), 547–561.
3. G. Cortiñas, C. Haesemeyer, M. Schlichting, C. Weibel. Cyclic homology, cdh-cohomology and negative K-theory. *Ann. of Math.*, 167, (2008). 549–573.
4. G. Cortiñas, A. Thom. Bivariant algebraic K-theory. *J. reine angew. Math.*, 610, 71–124.
5. G. Cortiñas, A. Thom. Comparison between algebraic and topological K-theory of locally convex algebras. *Adv. Math.*, 218 (2008), 266–307.
6. P. Ara, M. Brustenga, G. Cortiñas. K-theory of Leavitt path algebras. *Münster J. Math.*, 2 (2009), 5–34.
7. G. Cortiñas, C. Haesemeyer, M. E. Walker, C. Weibel. Bass’ NK groups and cdh -fibrant Hochschild homology. *Invent. Math.* 181 (2), pp. 421–448.
8. G. Cortiñas, A. Thom. Algebraic geometry of topological spaces I. *Acta Math.* 209 (2012) 83–131.
9. G. Cortiñas, C. Haesemeyer, M.E. Walker, C. Weibel. The K-theory of toric varieties in positive characteristic. *J. Topol.*, (2014) 7 (1):247–286.
10. G. Cortiñas. Excision, descent, and singularity in algebraic K-theory. *Proceedings ICM Seoul 2014*, 143–162.
11. G. Cortiñas, G. Tartaglia. Compact operators and algebraic K-theory for groups which act properly and isometrically on Hilbert space. *J. reine angew. Math.* Ahead of Print, DOI 10.1515/crelle-2014-0154.

CONFERENCES
ORGANIZED

1. Research Trimester on K-theory, Hausdorff Institut für Mathematik, Bonn, May-August, 2017 (with Hélène Esnault, Christian Haesemeyer, Holger Reich and Jonathan Rosenberg).
2. XXI Coloquio Latinoamericano de Álgebra, July 25-29, 2016 (with T. Krick and A. Solotar).
3. K-theory, cyclic homology and motives, Rutgers University, August 17-21, 2016 (with A. Buch, E. Friedlander, C. Haesemeyer, A. Merkurjev and C. Mazza).
4. Topics in Noncommutative Geometry: 3era Escuela de Invierno Luis Santaló-CIMPA Research School, July 26, August 6, 2010.
5. Swisk, Sedano Winter School on K-theory, Sedano, Spain, January 21-27, 2007.
6. ICM 2006 Satellite: International Conference on K-theory and Noncommutative Geometry, Valladolid, Spain, August 31, September 6, 2006.
7. BASCOLA: Buenos Aires Satellite, Coloquio Latinoamericano de Álgebra, Buenos Aires, August 10–12, 2005 (with A. Dickenstein and M. Farinati).