

Born September 13, 1987, in Lille (France).

Education

- 2011–2014 PhD Mathematics, Université Paris VI UPMC (defended October 3, 2014),
Institut de Mathématiques de Jussieu – Paris Rive Gauche (IMJ-PRG),
PhD Advisor: Nikita Karpenko,
PhD Dissertation Title: "Around rationality of algebraic cycles".
- 2010–2011 MS2 Mathematics (magna cum laude), Université Paris VI UPMC
& Magistère 3, Université Paris XI (Orsay).
- 2009–2010 Agrégation of mathematics, Université Paris XI (Orsay).
- 2008–2009 MS1 Mathematics (magna cum laude) & Magistère 2,
Université Paris XI (Orsay).
- 2007–2008 BS Mathematics & Magistère 1, Université Paris XI (Orsay).
- 2005–2007 Classes préparatoires, Lycée Chatelet, Douai.

Appointments

- 2016–2018 Postdoctoral Researcher, National Autonomous University of Mexico (UNAM).
- 2015–2016 Postdoctoral Researcher, Federal University of Amazonas (UFAM).
- 2012–2015 Teaching assistant, Université Paris VI UPMC.

Grants

- 2010-2015: Fellowship École Normale Supérieure, ENS Paris-Saclay (Cachan).

Research interests

Algebraic cycles, motives quadratic forms, projective homogeneous varieties, K-Theory, invariants, central simple algebras, hermitian forms, canonical dimension.

Research Publications

- R. Fino, *J-invariant of hermitian forms over quadratic extensions*.
Pacific J. Math., 2019, 300, no. 2, 375–404.
- R. Fino, *Non-compact form of the Elementary Discrete Invariant*.
Bull. Soc. Math. France., 2019, 147(2), pp 341–353.
- R. Fino, *Symmetric correspondences on quadrics*.
Manuscripta Math., 2018, 155(3), pp 523–537.
- R. Fino, *Rationality of algebraic cycles over function field of $SL_1(A)$ -torsors*.
J. Algebra., 2015, 440, pp 594–601.
- R. Fino, *Rationality of cycles over function field of exceptional projective homogeneous varieties*.
J. Ramanujan Math. Soc., 2014, 29(1), pp 119–132.
- R. Fino, *Around rationality of integral cycles*.
J. Pure Appl. Algebra., 2013, 217(9), pp 1702–1710.
- R. Fino, *Around rationality of cycles*.
Cent. Eur. J. Math., 2013, 11(6), pp 1068–1077.

Notes

- *Rationality of cycles and special correspondences* (Mars 2012, 3 pages), the identity case of a result due to Nikita Karpenko and Alexander Merkurjev.

Conferences - Seminars - Visits

- Workshop "Algebraic Cobordism and Projective Homogeneous Varieties", February 2016, Mathematical Research Institute of Oberwolfach (Germany).
- Mini-course 'Algebraic Cycles', February 2016, Federal University of Amazonas, Manaus (Brazil).
- Conference "The 2nd Algebra Days in Amazonia", September 2015, Federal University of Amazonas, Humaitá (Brazil).

- Conference "The 12th Brauer Group Conference", June 2015, University of Colorado, Pingree Park (United States).
- Conference "*Clifford Lectures*, Algebraic Groups: Structure and Actions", March 2015, Tulane University, New Orleans (United States).
- Seminar "The Algebra Seminar of the Université d'Artois", March 2015, Lens (France).
- Seminar "The Algebra Seminar of the University of Alberta", November and December 2013, Edmonton (Canada).
- Visiting PhD student at the the University of Alberta, September–December 2013, Edmonton (Canada).

Teaching

- 2014–2015: Algebra (BS3). Complements of Algebra and Analysis (BS2).
- 2013–2014: Algebra and Geometry (BS2).
- 2012–2013: Linear Algebra (BS1).

Languages

French, English, Spanish.