CRISTIANA BERTOLIN

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Generalities	Birthdate and Birthplace: 9 May 1973 - Padova (Italy). Citizenship: italian. Family status: single. Children: Massimiliano Nicola (10/10/08), Lucrezia Elettra and Ludovica Eloisa (21/11/12). Languages known: Italian, French, English, German.
Education	**M.Sc.**, Università di Padova, 1995. **Ph.D.**, Université Paris VI, 2000. **Habilitation**, ETH Zürich, 2007. **Qualification** campagne 2018, section 25 Mathématiques, corps professeur des Universités.
Permanent Positions	Ricercatore universitario, Università di Torino, from Dec. 2010 until Sept. 2015. Professore associato, Università di Torino, from Oct. 2015.
Visiting Positions in Research Centers	Feb. 2000 Centre Intérnational de Rencontres Mathématiques, Luminy (France). Nov. 2000 Mathematisches Forschungsinstitut, Oberwolfach (Germany). Sept. 2003 Max Plank Institute for Mathematics, Bonn (Germany). Oct. 2004 Institute for Advanced Study, Pinceton (USA). Oct. 2005 Institute for Advanced Study, Pinceton (USA). May 2007 Mathematisches Forschungsinstitut, Oberwolfach (Germany). June 2007 Max Plank Institute for Mathematics, Bonn (Germany). July 2007 Centre Intérnational de Rencontres Mathématiques, Luminy (France). Sept. - Oct. 2009 Institute for Mathematical Research, ETH Zürich (Switzerland). Feb. - March 2014 Institut des Hautes Études Scientifiques, Paris (France). May 2018 Centre Intérnational de Rencontres Mathématiques, Luminy (France). March - April 2019 Institut des Hautes Études Scientifiques, Paris (France). May - June 2019 Scuola Normale Superiore, Pisa (Italy).
Research Stays at other Institutions	Università di Padova (Italy), Université Paris 6 (France), Universität von Münster (Germany), Università di Siena (Italy), Université de Strasbourg (France), Tucson University (USA), Università di Roma Tor Vergata (Italy), Washington University (USA), Universitat de Barcelona (Spain), Universität von Regensburg (Germany), ETH Zürich (Switzerland), Università di Roma La sapienza (Italiy), Université de Rennes (France), Università di Milano (Italy), Università di Genova (Italy), Universität von Düsseldorf (Germany), Université de Montpellier (France).
Professional Experience	Oberassistent at the ETH Zürich, Sept. 2004 - Aug. 2007. W2-Vertretung at the University of Regensburg, March. 2009 - Aug. 2009. W2-Vertretung at the University of Düsseldorf, Oct. 2010 - Feb. 2012.

Publications

1) *G-fonctions et cohomologie des hypersurfaces singulières*,
Bull. Austral. Math. Soc. **55** (1997), no. 3, pp. 353–383.
2) *G-fonctions et cohomologie des hypersurfaces singulières II*,
Bull. Austral. Math. Soc. **58** (1998), no. 2, pp. 189–198.
3) *The Mumford-Tate group of 1-motives* ,
Ann. de l'Inst. Fourier **52** (2002), no. 4, pp. 1041-1059.
4) *Périodes des 1-motifs et transcendence*,
J. Number Th. **97** (2002), no. 2, pp. 204–221.
5) *Le radical unipotent du groupe de Galois motivique d'un 1-motif*,
Math. Ann **327** (2003), no. 3, pp. 585–607.
6) *Motivic Galois groups of 1-motives: a survey*,
Mathematisches Institut, Georg-August-Universität Göttingen: Seminars Summer Term 2004, Universitätsdrucke Göttingen (2004) pp. 83–89.
7) *Biextensions and 1-motives*,
C. R. Math. Rep. Acad. Sci. Canada **27** (2005), no. 3, pp. 65–71.
8) *Motivic Galois theory for 1-motives*,
Ann. Sci. Math. Québec **32** (2008), no. 2, pp. 105–124.
9) *Extensions and biextensions of locally constant group schemes, tori and abelian schemes*,
Math. Z. **261** (2009), no. 4, pp. 845–868.
10) (with C. Mazza) *Biextensions of 1-motives in Voevodsky's category of motives*,
Int. Math. Res. Not. IMRN **2009** (2009), no. 19, pp. 3747–3757.
11) *Multilinear morphisms between 1-motives*,
J. Reine Angew. Math. **637** (2009), pp. 141–174.
12) *Extensions of Picard stacks and their homological interpretation*,
J. of Algebra **331** (2011), no. 1, pp. 28–45.
13) *Homological interpretation of extensions and biextensions of 1-motives*,
J. of Number Theory **132** (2012), no. 10, pp. 2103–2131.
14) *Biextensions of Picard stacks and their homological interpretation*,
Adv. Math. **233** (2013), no. 1, pp. 1–39.
15) (with A. Tatar) *Extensions of Picard 2-Stacks and the cohomology groups Ext^i of length 3 complexes*,
Ann. Mat. Pura Appl. **193** (2014), no. 1, pp. 291–315.
16) (with Ahmet Tatar) *Higher dimensional study of extensions via torsors*,
Ann. Mat. Pura Appl. **197** (2018), no. 2, pp. 433–468.
17) (with Sylvain Brochard) *Morphisms of 1-motives defined by line bundles*,
Int. Math. Res. Not. IMRN **2019** (2019), no. 5, pp. 1568–1600.

Preprint

18) *Deligne's conjecture on extensions of 1-motives*,
arXiv:0906.2179v1, submitted.

19) (with Federica Galluzzi) *Gerbes and Brauer groups over stacks*,
arXiv:1705.01382, submitted.

20) (with Federica Galluzzi) *A note on divisorial correspondences of semi-abelian varieties*,
arXiv:1902.07448, submitted.

21) *Third kind integrals and 1-motives*,
in preparation.