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## VITA

### EDUCATION

- 1987 “Thèse d’Etat,” Université Paris 11 at Orsay (advisor A. Beauville): “Variétés de Prym, conjecture de la trisécante et ensembles d’Andreotti et Mayer.” “Seconde thèse” with M. Herman: “Analytic conjugation to rotations of analytic diffeomorphisms of the circle.”
- 1981 “Thèse de troisième cycle,” Université Paris 7 (advisor A. Beauville): “Inégalités numériques pour les surfaces de type général.”
- 1977–1981 Student of École normale supérieure, Paris, France.

### FELLOWSHIPS AND AWARDS

- 2009–2017 Research Grants from the French Government (“Prime d’excellence scientifique”).
- 2009–2012 Participant in ANR Research Contract VHSMOD-2009: “Holomorphically symplectic manifolds, their moduli spaces and automorphic forms,” coordinated by D. Markouchevitch.
- 1999–2004 Junior member of the Institut Universitaire de France.
- 2001–2009 Research Grant from the French Government (“Prime d’encadrement doctoral et de recherche”).
- 1996–1997
- 1994–1997 N.S.F. Research Grant DMS-9400636: “Abelian Varieties and Their Subvarieties.”
- 1992–1994 N.S.F. Research Grant DMS-9203919: “Abelian Varieties and Moduli Spaces of Vector Bundles on Curves.”
- 1992 N.S.F. Research Fellowship, M.S.R.I., Berkeley, California, U.S.A.
- 1981–1982 Special student at Harvard University, advisor P. Griffiths.

### EMPLOYMENT HISTORY

- 2008–present Full Professor, Université Paris 7 and École normale supérieure, Paris, France.
- 1995–2008 Full Professor, Université Louis Pasteur, Strasbourg, France.
- 1997–2001 Part-time Professor, École polytechnique, Palaiseau, France.
- 1991–1994 Associate Professor, University of Iowa, Iowa City, Iowa, U.S.A.
- 1982–1995 Member of C.N.R.S., Orsay and Strasbourg, France.

## **ADMINISTRATION (past five years)**

- 2014–present Vice-chairman of the Département de Mathématiques et Applications, École normale supérieure, Paris, France.
- 2010–2014 Chairman of the Département de Mathématiques et Applications, École normale supérieure, Paris, France.

## **EDITORIAL BOARDS**

- 2010–2011 Editor for the journal *Annales de l'École normale supérieure*.
- 2005–present Editor for the journal *Mathematische Zeitschrift*. Managing Editor since March 2007.
- 1999–2009 Editor for the “Astérisque” book series.

## **ORGANIZATION OF CONFERENCES (past five years)**

- 2018 Co-organizer with D. Eisenbud, G. Farkas, and R. Vakil of the conference “Classical Algebraic Geometry,” Oberwolfach, Germany.
- 2017 Co-organizer with S. Druel, B. Fu, Y. Laszlo, and C. Voisin of the conference “Algebraic Geometry,” Beijing, China.
- 2016 Co-organizer with D. Eisenbud, G. Farkas, and R. Vakil of the conference “Classical Algebraic Geometry,” Oberwolfach, Germany.
- 2014 Co-organizer with D. Eisenbud, G. Farkas, and R. Vakil of the conference “Classical Algebraic Geometry,” Oberwolfach, Germany.
- 2012 Co-organizer with D. Eisenbud, F.-O. Schreyer, and R. Vakil of the conference “Classical Algebraic Geometry,” Oberwolfach, Germany.
- 2012 Co-organizer with H. Esnault, C. Voisin, and O. Wittenberg of the conference “Arithmetic, Motives and Moduli Spaces,” I.H.P., Paris, France.

## **INVITED CONFERENCES (past five years)**

- 2017 AGNES Conference, Stony Brook, U.S.A.
- 2016 “Topics on rationality and hyperkähler geometry,” Milano, Italy.
- 2016 Symposium “Algebra, Geometry and Quantum Field Theory,” Pohang, Korea.
- 2016 “Géométrie algébrique,” Collège de France, Paris, France.
- 2016 Second French-Korean Conference in Mathematics, Bordeaux, France.
- 2016 “New methods in birational geometry,” Toulouse, France.
- 2016 “Positivity and vanishing theorems,” Lille, France.
- 2016 “Mediterranean Complex Projective Geometry,” Carry–Le–Rouet, France.
- 2016 CIMPA-ICTP-CIMAT school “Moduli of Curves,” Guanajuato, Mexico.
- 2016 Winter school “Rational Curves on Algebraic Varieties,” Busan, Korea.
- 2015 “Géométrie Algébrique et Géométrie Complexe,” C.I.R.M., Luminy, France.
- 2015 “Projective Algebraic Geometry,” Moscow, Russia.
- 2015 CIMPA school “II Latin American School of Algebraic Geometry and Applications,” Cabo Frio, Brazil

- 2015 “Rational Connectedness,” Moscow, Russia.
- 2015 “New Techniques in Birational Geometry,” Stony Brook, U.S.A.
- 2015 Simons Symposium “Geometry Over Nonclosed Fields,” Rio Grande, Puerto Rico.
- 2015 “Distribution of Rational and Holomorphic Curves in Algebraic Varieties,” Banff, Canada.
- 2014 “Complex manifolds, dynamics and birational geometry,” Moscow, Russia.
- 2014 CIMPA-TÜBITAK-GSU school “Algebraic Geometry and Number Theory,” Istanbul, Turkey.
- 2014 “A workshop on the Chow group of holomorphically symplectic manifolds,” Moscow, Russia.
- 2014 “Moduli spaces of irreducible symplectic varieties, cubics and Enriques surfaces,” Lille, France.
- 2014 “Arithmetic and Algebraic Geometry 2014,” Tokyo, Japan.
- 2013 “Classification of Algebraic Varieties and Related Topics,” Cetraro, Italy.
- 2013 “Rational Points, Rational Curves and Entire Holomorphic Curves on Algebraic Varieties,” Montreal, Quebec, Canada.
- 2013 “Symposium on Projective Algebraic Varieties & Moduli,” Yeosu, Korea.
- 2012 “CEMPI Inaugural Conference,” Lille, France.
- 2012 “Komplexe Analysis,” Oberwolfach, Germany.
- 2012 “Holomorphic symplectic manifolds and moduli spaces,” Grenoble, France.
- 2012 “First Annual Algebraic Geometry Symposium,” University of Georgia, Athens, U.S.A.
- 2012 “Geometry of Kähler manifolds,” Nantes, France.
- 2012 “Rational curves and rational points on algebraic varieties,” St. John, Virgin Islands.

## LONG-TERM INVITATIONS

- 01-05/2017 Invited professor, Duke University, Durham, U.S.A.
- 01-03/2009 Research Professor, Mathematical Sciences Research Institute, Berkeley, U.S.A.
- 04-2008 Invited professor, Fudan University, Shanghai, China.
- 03-2008 Invited professor, KIAS, Seoul, Korea.
- 03-2007 Invited professor, National Taiwan University, Taipei, Taiwan.
- 02-06/2004 Invited professor, University of Michigan, Ann Arbor, U.S.A.
- 02-06/1999 Invited professor, Harvard University, Cambridge, U.S.A.
- 09/1992–01/1993 Research Fellow, Mathematical Sciences Research Institute, Berkeley, U.S.A.
- 08/1989–01/1990  
and  
08/1990–06/1991 Invited professor, University of Iowa, Iowa City, U.S.A.

## DOCTORAL STUDENTS

- 2008–2012 M. Rempel, “Positivity of cycles in algebraic varieties,” jury : S. Boissière, S. Boucksom, O. Debarre, S. Druel, D. Huybrechts, L. Manivel, A. Sarti, C. Voisin, defended September 28, 2012, Université Paris 7.
- 2009–2012 O. Benoist, “Moduli spaces of smooth complete intersections,” jury: J.-B. Bost, O. Debarre, H. Esnault, E. Looijenga, L. Manivel, C. Voisin, defended February 10, 2012, Université Paris 7.
- 2007–2010 Z. Jiang, “On the Albanese map of algebraic varieties and the nef cone of symmetric products of curves,” jury: F. Campana, O. Debarre, S. Druel, Y. Kawamata, R. Lazarsfeld, M. Popa, C. Voisin, defended May 25, 2010, Université Paris 7.
- 2001–2006 D. Conduché, “Rational curves and hypersurfaces in the projective space,” jury: J.-F. Boutot, J.-L. Colliot-Thélène, O. Debarre, Y. Laszlo, defended November 30, 2006, Université Louis Pasteur.
- 1999–2003 L. Bonaventure, “Singularities of divisors of low degree on abelian varieties,” not completed.
- 1996–1999 J. Stutzmann, “Classes of irreducible subvarieties of products of projective spaces,” not completed.