

Curriculum vitae

Claire Voisin

born March 4, 1962 at Saint-Leu-la-forêt (Val d'Oise, France)

Married, five children.

Present position. Professor at Collège de France (chaire de géométrie algébrique).

Cursus.

1981 Entered Ecole Normale Supérieure, Sèvres

1983 Agrégation

1986 PhD thesis (Adviser A.Beauville); permanent research position at CNRS.

1989 Habilitation.

1995-2016 Senior researcher at CNRS.

0.1 Distinctions

- Bronze medal of the CNRS (1988).
- IBM prize for young researchers (1989).
- Prize of the European Mathematical Society (1992).
- Cours Peccot at Collège de France (1992).
- Servant prize awarded by the Académie des Sciences de Paris (1996).
- Sophie Germain prize awarded by the Académie des Sciences de Paris (2003).
- Silver medal of the CNRS (2006).
- Foreign member of Istituto Lombardo (Italy, elected 2006).
- Satter Prize, awarded by the American Mathematical Society (2007).
- Clay Research Award, awarded by the Clay Mathematics Institute (2008).
- Member of the Deutsche Akademie der Naturforscher Leopoldina (elected 2009).
- Member of the Académie des Sciences (elected 2010)
- Foreign associate member of the Accademia dei Lincei (elected 2011)
- Honorary member of the London Mathematical Society (elected 2012).
- Member of Academia Europaea (elected 2014).
- Heinz Hopf prize, awarded by ETH Zürich (2015).
- Foreign associate member of the National Academy of Sciences (elected 2016).
- Gold medal of CNRS (2016).
- Shaw prize (2017).
- L'Oréal-UNESCO prize 2019

0.2 Selected invitations

- Invited speaker (Algebraic geometry section) of the International congress of Mathematicians (Zürich,1994).
- Lagrange Chair (Roma, 1996).

- Plenary speaker at the 4rth European congress of Mathematics (Stockholm, July 2004): “*Recent progresses in Kähler and complex algebraic geometry*”.
- Takagi lectures (Kyoto, November 2006) : “*Some aspects of the Hodge conjecture*”.
- Adrian Albert lectures of the University of Chicago (April 2007): “*Hodge structures in Kähler and/or algebraic geometry*”.
- Clay senior scholar, MSRI 2009.
- Alfred Brauer lectures , UNC, Chapel Hill (February 2009): “*Curves and their Jacobians; from canonical syzygies to Hodge theory and algebraic cycles of Jacobians*”.
- Plenary speaker at the International congress of Mathematicians (Hyderabad, August 2010) : “*On the cohomology of algebraic varieties*”.
- Rademacher lectures, (University of Pennsylvania, October 2011)
- Hermann Weyl lectures (IAS, Princeton, November 2011).
- Abel lecture, (Oslo, Mai 2013). “*Mixed Hodge structures and the topology of algebraic varieties*” (presentation of Deligne’s work at the occasion of his Abel prize).
- Coxeter lectures, (Fields Institute, November 2013) “*Chow rings of Calabi-Yau manifolds*”.
- British Mathematical Colloquium, plenary lecture, (Queen Mary University of London, Avril 2014).
- Distinguished visiting professor, IAS 2014-2015.
- Distinguished lectures, University of Haifa (April 2016).
- Distinguished lectures, UCLA, May 2017.
- Senior fellow of ETH, Zürich, 2017.
- Infosys-ICTS Ramanujan lectures, Bangalore 2018.
- Clay Senior scholar, MSRI, January-April 2019.
- Euler lecture in Sansouci, Postdam, May 2019.
- Elisha Netanyahu Memorial Lecture, Haïfa (Technion Institute), mars 2020.
- Terry Wall lecture, Liverpool, mai 2020.
- ERC Synergy grant “HyperK”, avec O. Debarre, E. Macrì, D. Huybrechts (2020-2025).

0.3 Editorial membership

Past:

- Mathematische Zeitschrift (1997-2004).
- Annales de l’ENS (1999-2004),
- Journal of Algebraic Geometry (2004-2007).
- J. Differential Geometry (2004-2007).
- Duke Math. Journal, (1996-2010).
- Journal of the European Math. Society (JEMS) (1998-2014).
- Communications in Analysis and Geometry (2012-2016).
- Publications Mathématiques de l’IHES (2007-2019) (chief-editor from 2010).

Present:

- Editor of :
- Communications in Contemporary Mathematics (2007-).
- Journal de mathématiques pures et appliquées (2009-).
- Annales de la Faculté des Sciences de Toulouse (2020-)
- Annali della Scuola Normale superiore di Pisa (2019-).
- Duke Math. Journal (associate editor 2020-).

0.4 PhD students

- *Anna Otwinowska*, Thesis defended in January 2000 : “Groupes de Chow des hypersurfaces et intersections complètes de petit degré”.
- *Lorenz Schneider*, Thesis defended in December 2001 on the higher Abel-Jacobi invariants defined by M. Green.
- *Gianluca Pacienza*, Thesis defended in January 2002. Now Professor in Nancy.
- *Catriona Maclean*, Thesis defended in April 2003. Now assistant Professor in Grenoble.
- *Thomas Dedieu*, Thesis defended in november 2008. Now assistant Professor in Toulouse.
- *Julien Grivaux*, Thesis defended in October 2009. Now Professor in Paris 6..
- *François Charles*, Thesis defended in April 2010. Now Professor in Orsay.
- *Lie Fu*, Thesis defended in October 2013. Now assistant Professor in Lyon.
- *Hsueh-Yung Lin*, thesis defended in November 2015.
- *René Mboro*, thesis defended in October 2017.
- *Ivan Bazhov*, thesis defended in November 2017.

0.5 Committees

- Member of the Programm committee for Madrid ICM (2006).
- Member of the jury IUF junior in 2006 and 2007.
- Member of the scientific committee of MFO (Oberwolfach), 2009-2014.
- Member of the scientific committee of CIRM (2009-2014).
- Member of the jury of the “chaire Blaise Pascal”, 2009-2014.
- Member of the scientific committee for Warsaw ECM (2012).
- Member of the scientific committee of ENS, 2011-2014.
- Member of the jury of the “chaire Poincaré”, 2014-2018.
- Member of the scientific committee of the Fields institute (2013-2016).
- Member of the Abel prize committee for 2020 and 2021.