

Department of Mathematics
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CATERINA CONSANI

Appointments

The Johns Hopkins University

2008–Present. Professor of Mathematics.

2005–2008. Associate Professor of Mathematics (tenured).

University of Toronto

2003–2005. Associate Professor of Mathematics (tenured).

2000–2003. Assistant Professor of Mathematics.

Institute for Advanced Study, Princeton

1999–2000. Member at the School of Mathematics.

University of Cambridge U.K.

1998 (Spring). Research Associate at the Department of Mathematics.

Massachusetts Institute of Technology

1996–1999. C.L.E. Moore Instructor of Mathematics.

Education

The University of Chicago

1996. Ph.D, Mathematics. Dissertation: *Double Complexes and Euler L-Factors on Degenerations of Algebraic Varieties.*

Adviser: Prof. S. Bloch.

1993. M.A., Mathematics.

Universities of Genova and Torino (Italy)

1993. Ph.D, Mathematics.

Research

Arithmetic Geometry, Noncommutative Geometry, Number Theory.

Grants and Awards

2011-2015. NSF–DMS Research Grant n. 1069218 (JHU).

2009-2011. NSF Special Meetings Grant n. 0852421 (JHU).

2007-2011. NSF-FRG Research Grant n. 0652431 (JHU).

2004-05. NSERC Research Grant n. 72024520 (U. of Toronto).

2000-04. NSERC Research Grant n. 72016789 (U. of Toronto).

2001-03. Connaught Grant (U. of Toronto).

1997-2000. NSF–DMS Research Grant n. 9701302 (M.I.T.).

1998. EU Fellowship (Cambridge University UK).

- Visiting Positions (2008-2015)**
- Hausdorff Research Inst.for Mathematics, Bonn (Germany): November 2014.
 - Collège de France (chercheur): September 2014-June 2015.
 - Ohio State University: May 2014.
 - Collège de France, Paris (France): June-July 2011&2012; June 2013.
 - IHES, Paris (France): June-July 2010; January 2009; January-April 2008.
 - Fields Institute, Toronto (Canada): October 2008.
 - Hausdorff Research Institute for Mathematics: July 2008.
- Synergistic Activities (2008-2015)**
- 2014. Co-organizer of the Conference “Noncommutative Geometry – Festival” (in honor of Henri Moscovici 70th birthday). University of Texas A&M (USA), May 2014.
 - 2013. Co-organizer of the JAMI Conference “Number Theory and Related Topics: in honor of Takashi Ono”. The Johns Hopkins University, April 2013.
 - 2011. Co-organizer of the JAMI Conference “Noncommutative Geometry and Arithmetic” at Johns Hopkins University, March.
 - 2010. Co-organizer of the Conference “Noncommutative Geometry and Applications to Number Theory” at Ohio State University, April.
 - 2008-09. Co-organizer of the Workshops “Noncommutative Geometry and Geometry over the Field with One Element” at Vanderbilt University, May 2008 & at Johns Hopkins University, March 2009.
 - 2008-09. Co-organizer of the JAMI Program “Noncommutative Geometry, Arithmetic and Related Topics” at Johns Hopkins University.
 - 2008-09. Co-organizer of the Program “Arithmetic Geometry, Hyperbolic Geometry and Related Topics” at the Fields Institute (Toronto).
- Supervision**
- 2012-. Kalina Mincheva (Johns Hopkins U.): Ph.D.student
 - 2011-2015. Jeffrey Tolliver (Johns Hopkins U.): Ph.D.student.
 - 2011-2015. Jai Ung Jun (Johns Hopkins U.): Ph.D.student.
 - 2009-2010. Snigdhasyan Mahanta (Johns Hopkins U.): Postdoctoral scholar.
 - 2006-2009. Eugene Ha (Johns Hopkins U.): Postdoctoral scholar.
 - 2005-2009. Abhishek Banerjee (Johns Hopkins U.): Ph.D March 2009.
 - 2005-2009. Susama Agarwala (Johns Hopkins U., co-supervision): Ph.D December 2008.
 - 2005-2007. Mehdi Tavakol (Johns Hopkins U., co-supervision).
 - 2003-2007. Geoffrey Lynch (University of Toronto): Ph.D November 2007.
 - 2003-2004. Ramesh Sreekantan (University of Toronto): Postdoctoral scholar.

Service to the
Profession

Member of a Graduate Board Exam, Department of Computer Sciences, Johns Hopkins University, 2014.

External reviewer of a Full Professor promotion at Utrecht University (Holland), 2013.

Member of the Academic Council for the review of the Applied Mathematics and Statistics Department, JHU 2012-13.

Judge in the 2011 Blavatnik Awards for Young Scientists, The New York Academy of Sciences.

Member of the Distinguished Awards (Non-Biomedical) Committee, JHU 2011-2012.

Member of NSF review panels.

Reviewer for NSF, NSERC(Canada) and Royal Society URF (UK).

Reviewer for: *Algebra & Number Theory*, *Americal Journal of Mathematics*, *Canadian Journal of Mathematics*, *Journal of Number Theory*, *Journal of Algebraic Geometry*, *Journal of Pure and Applied Algebra*, *Pacific Journal of Mathematics*.

Member of the Editorial Board of the “Journal of Number Theory”.

Member of the Editorial Board of the “Rendiconti del Seminario Matematico della Università di Padova”.