

Department of Mathematics  
The Johns Hopkins University  
3400 N. Charles Steet  
Baltimore, MD 21218

Phone: (410) 516-5116  
Fax: (410) 516-5549  
[kc@math.jhu.edu](mailto:kc@math.jhu.edu)  
<http://www.math.jhu.edu/~kc>

## 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

- 2016-2017. Special Meetings Grant (Conference) (Co-PI) n. 1701934.

- 2015-2020. Simons Foundation, Collaboration Grant for Mathematicians n. 353677 (JHU).

- 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-August 2015.  
 Ohio State University: May 2014.  
 Collège de France, Paris (France): June-July 2011&2012; June 2013, June-July 2016&2017.  
 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  
(2008-2017)

Co-organizer of the Conference ‘*Noncommutative Geometry 2017– A Celebration of Alain Connes’ 70th Birthday*’. Shanghai Center for Mathematical Sciences (China), March-April 2017.  
 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

2012-2016. Kalina Mincheva (Johns Hopkins U.): Ph.D. March 2016.  
 2011-2015. Jeffrey Tolliver (Johns Hopkins U.): Ph.D. February 2015.  
 2011-2015. Jai Ung Jun (Johns Hopkins U.): Ph.D. February 2015.  
 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”.