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Academic Education

August 2006 Ph.D. in Mathematics, SISSA, Trieste.
September 2002 Laurea in Matematica (summa cum laude), Università di Genova.

Appointments

09/11–present Assistant Professor, the Ohio State University.
07/10–08/11 Junior Professor, W2 level, Universität Bonn.
07/08–06/11 Wylie Assistant Professor, University of Utah (on leave to Bonn on 2010-11).
09/07–06/08 Postdoc, Hausdorff Center for Mathematics, Bonn.
09/06–08/07 Postdoc, Max-Planck-Institute für Mathematik, Bonn.

Visiting Positions

05/09–07/09 Visiting Scholar, Universität Bonn.
May 2008 Visiting Scholar, Universidad de Salamanca.
02/07–04/07 Institut des Hautes Études Scientifiques, Bures-sur-Yvette.
03/06–04/06 Visiting Student, University of Pennsylvania.
04/05–07/05 Visiting Student, University of Pennsylvania.

Awards and Financial Support

2010–2013 NSF Grant DMS-1001482.
2009–2010 Outstanding Instructor Award, University of Utah.
2007–2009 Japan Society for the Promotion of Science postdoctoral fellowship (declined).

Publications

Refereed Articles in Journals:

1. A. BAYER AND E. MACRÌ: *The space of stability conditions on the local projective plane*, To appear in *Duke Math. J.* (2011).
2. D. HUYBRECHTS, E. MACRÌ AND P. STELLARI: *Formal deformations and their categorical general fibre*, *Comment. Math. Helv.* **86**, 41–71 (2011).
3. E. MACRÌ AND P. STELLARI: *Infinitesimal Derived Torelli Theorem for K3 surfaces* (with an appendix by S. Mehrotra), *Int. Math. Res. Not.*, Article ID rnp049, 31 pp. (2009).
4. D. HUYBRECHTS, E. MACRÌ AND P. STELLARI: *Derived equivalences of K3 surfaces and orientation*, *Duke Math. J.* **149**, 461–507 (2009).
5. E. MACRÌ, S. MEHROTRA AND P. STELLARI: *Inducing stability conditions*, *J. Alg. Geom.* **18**, 605–649 (2009).
6. E. MACRÌ, M. NIEPER-WISSKIRCHEN AND P. STELLARI: *The module structure of Hochschild homology in some examples*, *C. R. Math. Acad. Sci. Paris* **346**, 863–866 (2008).
7. E. MACRÌ AND P. STELLARI: *Automorphisms and autoequivalences of generic analytic K3 surfaces*, *J. Geom. Phys.* **58**, 133–164 (2008).
8. D. HUYBRECHTS, E. MACRÌ AND P. STELLARI: *Stability conditions for generic K3 categories*, *Compositio Math.* **144**, 134–162 (2008).
9. E. MACRÌ: *Stability conditions on curves*, *Math. Res. Lett.* **14**, 657–672 (2007).
10. C. BARTOCCI AND E. MACRÌ: *Classification of Poisson surfaces*, *Comm. Cont. Math.* **7**, 89–95 (2005).

Submitted Papers and Preprints:

11. A. BAYER, A. BERTRAM, E. MACRÌ, AND Y. TODA: *Bridgeland stability conditions on threefolds II: An application to Fujita’s conjecture*, Preprint, submitted in 2011, available at <http://arxiv.org/abs/1106.3430>.
12. A. BAYER, E. MACRÌ, AND Y. TODA: *Bridgeland stability conditions on threefolds I: Bogomolov-Gieseker type inequalities*, Preprint, submitted in 2011, available at <http://arxiv.org/abs/1103.5010>.
13. E. MACRÌ AND P. STELLARI: *Fano varieties of cubic fourfolds containing a plane*, Preprint, submitted in 2009, available at <http://arxiv.org/abs/0909.2725>.
14. M. BERNARDARA, E. MACRÌ, S. MEHROTRA AND P. STELLARI: *A categorical invariant for cubic threefolds*, Preprint, submitted in 2009, available at <http://arxiv.org/abs/0903.4414>.
15. E. MACRÌ: *Some examples of spaces of stability conditions on derived categories*, Preprint 2004, available at <http://arxiv.org/abs/math/0411613>.

Articles in Books:

16. E. MACRÌ: *Stability conditions for derived categories*, appendix to the book “Fourier-Mukai and Nahm transforms in geometry and mathematical physics”, by C. Bartocci, U. Bruzzo, and D. Hernández-Ruipérez, *Progress in Mathematics* **276**, Birkhäuser (2009).

Conference Talks and Lecture Series

1. “Derived categories in Algebraic Geometry”, Steklov Institute, Moscow, September 2011.
2. “Recent Developments on Orbifolds”, Chern Institute, Tianjin, July 2011.
3. “Derived Categories”, University of Tokyo, January 2011.
4. “Categorical Methods in Geometry and Gauge Theory”, Chern Institute, Tianjin, September 2010.
5. “School on Birational Geometry and Moduli Spaces” (4 lectures), University of Utah, June 2010.
6. “Western Algebraic Geometry Seminar”, A special occurrence in honor of David Gieseker, University of California, Los Angeles, October 2009.
7. Summer school “BPS state counting, stability structures and derived algebraic geometry”, Universität Hamburg, August 2009.
8. “Derived Categories and the Langlands Programme”, VBAC 2009, Freie Universität Berlin, June 2009.
9. “Bundles, gerbes and derived categories in string theory”, Universidad de Salamanca, May 2008.
10. “First CTS conference on vector bundles” (3 lectures), TIFR, Mumbai, March 2008.
11. Workshop “Seminario di Natale”, Università di Milano, December 2007.
12. “Categorical Aspects of Algebraic Geometry in Mirror Symmetry”, RIMS, Kyoto, December 2007.
13. Mini-workshop “Stability conditions, derived categories, etc.”, MPIM, Bonn, April 2007.
14. Workshop “Categorical Construction of Primitive Forms II”, RIMS, Kyoto, December 2006.
15. “Giornate di Geometria Algebrica e Argomenti Correlati VIII”, Università di Trieste, May 2006.
16. “KIAS School on Derived Categories of Coherent Sheaves”, KIAS, Seoul, April 2006.
17. Mini-workshop “Heterotic Strings, Derived Categories and Stacks”, MFO, Oberwolfach, November 2005.

Seminar Talks

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| 2011 | University of Minnesota (colloquium), Colorado State University–Fort Collins (colloquium), University of Wisconsin–Madison (colloquium), Northeastern University (colloquium), the Ohio State University (colloquium), University of Arizona (colloquium). |
| 2010 | Humboldt-Universität zu Berlin, Colorado State University–Fort Collins, KIAS–Seoul, Università di Milano, University of Oxford, Brown University, University of Connecticut, University of Chicago. |
| 2009 | Universität Bielefeld, Universität Bonn, Universität Regensburg, Colorado State University–Fort Collins, University of Wisconsin–Madison, University of Arizona. |
| 2008 | University of Arizona, University of Utah, MPIM–Bonn. |
| 2007 | Osaka University, University of Illinois at Chicago, University of Pennsylvania, SISSA–Trieste. |
| 2006 | Université de Nice–Sophia Antipolis, MPIM–Bonn, Università di Milano, SISSA–Trieste, Universidad de Salamanca, |
| 2005 | Università di Genova, University of Massachusetts–Amherst. |
| 2004 | Università di Genova. |

Teaching Experience

- 2011–present Instructor, the Ohio State University.
 – Algebra I (Math 580), Autumn 2011.
- 2010–2011 Instructor, Universität Bonn.
 – Advanced Topics in Algebra, Spring 2011.
 – Algebraic Geometry II, Winter 2010.
- 2008–2010 Instructor, University of Utah.
 – Accelerated Engineering Calculus II (Math 1280), Spring 2010.
 – PDEs for Engineers (Math 3150), Fall 2009.
 – Calculus III (Math 2210), Spring 2009.
 – Calculus III (Math 2210), Fall 2008.
- 2004–2006 Teaching Assistant, SISSA, Trieste.
 – Geometria Differenziale 1, 2005-2006.
 – Geometria Differenziale 1, 2004-2005.
 – Algebra 1, 2005-2006 (at Università di Trieste).

Service

(Co-)organizer of the following activities:

- Seminar Algebraic Geometry (SAG), Universität Bonn, Fall 2007 and Fall 2010.
- Algebraic Geometry Seminar, University of Utah, 2008-2010.
- Reading Seminar in Algebraic Geometry, University of Utah, Spring 2010. Topic: *Berkovich Spaces*.
- Baby Algebraic Geometry Seminar (group reading course for graduate students), University of Utah, Fall 2009. Topic: *Positivity in Algebraic Geometry*.
- Reading Seminar in Algebraic Geometry, Universität Bonn, 2006-2008. Topics: *Mixed Hodge Structures*, *Rational Curves on Fano Varieties*, *Langlands Correspondence for Loop Group*.

Group supervisor at the MRC 2010 Program on “Birational geometry and moduli spaces”, Snowbird, June 2010.

Oral exam committee member: Ching-Jui Lai (March 2009, University of Utah).

Ph.D. Thesis referee: Heinrich Hartmann (April 2011, Universität Bonn).

Referee for: *Advances in Mathematics*, *Bulletin de la Société Mathématique de France*, *Compositio Mathematica*, *International Mathematics Research Notices*, *Journal of Algebraic Geometry*, *Journal of Geometry and Physics*, *Journal of the European Mathematical Society*, *Mathematical Research Letters*, *Proceeding of the American Mathematical Society*.

External reviewer for the National Security Agency.

Reviewer for *Mathematical Reviews*.

Languages

Italian, English, and a basic knowledge of French and German.