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Luís Diogo

Employment

- **Uppsala University**, Sweden
Researcher, August 2017 – present
- **Columbia University**, USA
Ritt Assistant Professor, August 2013 – June 2017
- **ETH Zürich**, Switzerland
Postdoctoral member, September 2012 – August 2013

Education

- **Stanford University**, USA
Ph.D. in Mathematics, 2012
Advisor: Yakov Eliashberg
- **The University of Chicago**, USA
M.Sc. in Mathematics, 2007
- **Instituto Superior Técnico**, Lisbon, Portugal
B.Sc. in Mathematics, 2006

Research Interests

Symplectic topology, Floer theory, mirror symmetry.

Publications

- (with Samuel Lisi) *Symplectic homology of complements of smooth divisors*
Available at: <http://www.math.columbia.edu/~ldiogo/research/SHcomplements.pdf>
- (with Mohammed Abouzaid) *Monotone Lagrangians in the cotangent bundle of the 3-sphere*
Available at: <http://www.math.columbia.edu/~ldiogo/research/MonotoneLagrs.pdf>
- *Filtered Floer and symplectic homology via Gromov–Witten theory*.
PhD thesis in Mathematics, Stanford University, 2012.
Available at: <http://www.math.columbia.edu/~ldiogo/research/ThesisLuisDiogo.pdf>
- *Geometric Surgeries* (in Portuguese), in *Números, cirurgias e nós de gravata: 10 anos de Seminário Diagonal no IST*, 2012.
- (with Carlos Florentino and Diogo Veloso) *Quadratic forms and continued fractions* (in Portuguese), *Escola Diagonal 2005*, 2006, pp. 69-104.
Available at: <http://www.math.ist.utl.pt/escola/escola2005.pdf>

Service and Outreach

- Co-organizer of the Columbia Symplectic Geometry, Gauge Theory and Categorification Seminar, 2014 – 2017.
- Co-organizer of the Mathematics graduate student seminar at Stanford University, 2008 – 2009.
- Referee work for *Geometry & Topology* and *International Mathematics Research Notices*.
- Invited talk at *PAPSpeakers*, an event of the Portuguese American Postgraduate Society, New York, February 2016.
- Speaker at the *Sonya Kovalevsky Day 2016*, an event to promote the interest of middle school girls in Mathematics, Barnard College, New York, March 2016.

Research Talks

- Séminaire Géométrie Topologie Dynamique, Département de Mathématiques d'Orsay, France, 01/19/2017.
- Séminaire Géométrie et applications, IRMA Strasbourg, France, 01/18/2017.
- Geometri och Topologi seminariet, Uppsala Universitet, Sweden, 01/11/2017.
- Symplectix, Institut Henri Poincaré, Paris, 01/06/2017.
- Symplectic Geometry, Gauge Theory, and Categorification Seminar, Columbia University, 12/09/2016.
- MIT Geometry and Topology Seminar, 11/21/2016.
- AMS Sectional Meeting, Special Session on Symplectic Geometry and Contact Geometry, Minneapolis, 10/29/2016.
- Princeton University/Institute for Advanced Study Symplectic Geometry Seminar, 10/11/2016.
- Geometry and Topology Seminar, Centro de Matemática da Universidade do Porto, 06/22/2016.
- Mini-workshop on spectral invariants in contact geometry, Université du Québec à Montréal, 06/04/2016.
- Analysis and Dynamical Systems Seminar, University of Mississippi, 04/28/2016.
- 30 Colóquio Brasileiro de Matemática, Geometria Simplética, IMPA, Rio de Janeiro, Brazil, 07/31/2015.
- Joint AMS/EMS/SPM International Meeting, Contact and Symplectic Topology Session, Porto, Portugal, 06/12/2015.
- Princeton University/Institute for Advanced Study Symplectic Geometry Seminar, 02/15/2015.
- Symplectic Geometry, Gauge Theory, and Categorification Seminar, Columbia University, 01/31/2014.
- CUNY Graduate Center Topology Seminar, 12/04/2013.
- MIT Geometry and Topology Seminar, 11/04/2013.
- Séminaire de Géométrie, Topologie et Algèbre, Université de Nantes, France, 04/18/2013.
- Bruxelles–Köln Seminar on Symplectic and Contact Geometry, Université Libre de Bruxelles, Belgium, 03/01/2013.
- Séminaire *Géométries*, Université Claude Bernard, Lyon, France 12/07/2012.
- Forschungsseminar *Symplektische Geometrie*, Universität Hamburg, Germany, 11/29/2012.
- Symplectic Geometry Seminar, ETH Zürich, Switzerland, 10/08/2012.
- Northern California Symplectic Geometry Seminar, U.C. Berkeley, 03/05/2012.
- Geometria em Lisboa, Instituto Superior Técnico, Lisbon, Portugal, 06/14/2011.
- Geometry/Topology Seminar, The University of Chicago, 04/05/2011.
- Symplectic Geometry Seminar, Stanford University, 03/14/2011.

Teaching Experience

- **Instructor** at Columbia University
 - Spring 2016, Spring 2017 – Introduction to Differentiable Manifolds.
 - Spring 2014, Spring 2015 and Fall 2015 – Calculus III.
 - Fall 2013, Fall 2014 and Fall 2016 – Calculus I.
- **Teaching and Course Assistant** at Stanford University
 - Autumn 2010, Autumn 2011 and Spring 2012 – Math 53: Ordinary Differential Equations with Linear Algebra.
 - Autumn 2008 – Math 51: Linear Algebra and Differential Calculus of Several Variables.
 - Winter 2008 and Winter 2010 – Math 116: Complex Analysis.
- **Teaching Assistant** at Instituto Superior Técnico
 - Autumn 2004 – Calculus I.

Advising Experience

Co-advisor of a Masters thesis and a reading course in Mathematics at ETH Zürich, 2012/13.

Research Visits

- IRMA Strasbourg, France, January 2017, 3 days.
- Uppsala Universitet, Sweden, January 2017, 3 days.
- Mittag-Leffler Institut, Djursholm, Sweden, September 2015, 1 week.
- Université de Nantes, France, April 2013, 1 week.
- Université Claude Bernard, Lyon, France, December 2012, 1 week.
- Université Libre de Bruxelles, Belgium, July 2011, 1 week.
- The University of Chicago, April 2011, 1 week.
- Associate of the program *Symplectic and Contact Geometry and Topology*, Mathematical Sciences Research Institute, 2009/2010.

Honors and Awards

- Project selected for SQuaREs research program, American Institute of Mathematics, 2017/2018.
- Ph.D. fellowship from Fundação para a Ciência e a Tecnologia, Portugal, 2007-2011.
- *Prize Jaime Campos Ferreira* from Instituto Superior Técnico, Portugal, 2004/2005.
- Merit fellowship *New Talents in Mathematics* from Calouste Gulbenkian Foundation, Portugal, 2002/2003 and 2003/2004.
- Merit fellowship from Caixa Geral de Depósitos and Instituto Superior Técnico, Portugal, 2003/2004.
- Merit fellowship from Universidade Técnica de Lisboa, Portugal, 2002/2003.
- Honorable Mention at the 16th Ibero-American Mathematical Olympiad, Uruguay, 2001.
- Member of the Portuguese team at the 42nd International Mathematical Olympiad, USA, 2001.