

# Francesco Lin

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<b>Contact information</b>	Mathematics Department Princeton University Fine Hall, Washington Rd, Princeton, NJ 08544 <i>Email Address:</i> fl4 [at] math.princeton.edu <i>Homepage:</i> <a href="http://web.math.princeton.edu/~fl4/">http://web.math.princeton.edu/~fl4/</a>	
<b>Employment</b>	<b>Columbia University</b> Assistant Professor.	07/2019 -
	<b>Princeton University</b> Assistant Professor.	07/2018 - 06/2019
	<b>Princeton University and Institute for Advanced Study</b> Veblen Research Instructor.	09/2016 - 06/2018
<b>Education</b>	<b>Massachusetts Institute of Technology (USA)</b> Ph.D. Pure Mathematics. Advisor: Tomasz Mrowka.	09/2012 - 06/2016
	<b>Scuola Normale Superiore (Italy)</b> Student in the <i>Classe di Scienze</i> .	10/2007 - 06/2012
	<b>Università di Pisa (Italy)</b> M.Sc. in Mathematics (2012). Advisor: Riccardo Benedetti. B.Sc. in Mathematics (2010). Advisor: Bruno Martelli.	09/2007 - 06/2012
<b>Visiting</b>	<b>University of Oxford (UK)</b> Exchange scholar at the Mathematical Institute. Supervisor: Christopher L. Douglas.	10/2011 - 06/2012
<b>Awards and fellowships</b>	NSF grant DMS-1807242 MIT Mathematics Johnson Prize for the best published research by a graduate student MIT Praecis Presidential Fellowship St. John's College (Oxford) - Scuola Normale Superiore exchange scholarship	2018-2021 2015 2012-2013 2011-2012
<b>Service</b>	Co-organizer of the Princeton Topology seminar Referee for Journal of the London Mathematical Society, Mathematical Research Letters, Geometric and Functional Analysis, Michigan Mathematical Journal, Geometry and Topology, Selecta Mathematica	2016-2018
<b>Lecture series</b>	Gauge theory and topological applications Summer School in Regensburg RTG summer school at Princeton University Invariants in Low-dimensional Topology at KIAS Alfred Renyi Institute of Mathematics, Budapest Università di Pisa	07/2018 06/2018 05/2017 07/2016 11/2014
<b>Invited talks</b>	Workshop Smooth concordance classes of topologically slice knots, AIM Clifford Lectures miniconference at Tulane university Gauge theory and topological applications conference in Regensburg Topologie workshop at Oberwolfach University of Pennsylvania Université de Nantes Gauge theory in Fukuoka	06/2019 01/2019 07/2018 07/2018 05/2018 03/2018 02/2018

Simons Center for Geometry and Physics	11/2017
Massachusetts Institute of Technology	09/2017
Floer Homology and Homotopy Theory conference at UCLA	07/2017
Gdansk University of Technology	06/2017
Low-dimensional topology on Skye	06/2017
Invariants in Low-dimensional Topology at KIAS	05/2017
Workshop on Gauge theory and low dimensional topology at SCGP	04/2017
Newton Institute at Cambridge, UK	04/2017
University of Virginia	01/2017
CMS Winter meeting 2016 - sectional speaker	12/2016
Georgia Institute of Technology	11/2016
Princeton University	09/2016
Workshop on 3-manifolds and Floer theories, University of Regensburg	07/2016
Boston College	04/2016
Graduate Student Math Conference in Geometry/Topology at Brown	04/2016
Interactions of Gauge Theory with Contact and Symplectic Topology at BIRS	03/2016
Synchronizing Smooth and Topological 4-Manifolds at BIRS	02/2016
Princeton University	02/2016
Columbia University	10/2015
Michigan State University	10/2015
Gökova Geometry/Topology conference 2015	06/2015
Yau's seminar at Harvard University	04/2015
Princeton University	10/2014
University of Massachusetts at Amherst	09/2014
Workshop on Topology and Invariants of 4-manifolds at Simons Center	08/2014
Università di Pisa	07/2014
California Institute of Technology	05/2014
University of California, Los Angeles	05/2014
Graduate Student Geometry and Topology Conference 2014 at UT Austin	04/2014
Massachusetts Institute of Technology	12/2013

**Schools and  
conferences  
attended**

Workshop Smooth concordance classes of topologically slice knots, AIM	06/2019
Gauge theory and topological applications conference in Regensburg	07/2018
Topologie workshop at Oberwolfach	07/2018
Gauge theory in Fukuoka	02/2018
Floer Homology and Homotopy Theory	07/2017
Low dimensional topology on Skye	06/2017
Invariants in Low-dimensional Topology at KIAS	05/2017
Workshop on Gauge theory and low dimensional topology at SCGP	04/2017
Physics and knot homologies at Newton Institute	04/2017
CMS Winter meeting 2016	12/2016
Workshop on 3-manifolds and Floer theories, University of Regensburg	07/2016
Graduate Student Math Conference in Geometry/Topology at Brown	04/2016
Interactions of Gauge Theory with Contact and Symplectic Topology at BIRS	03/2016
Synchronizing Smooth and Topological 4-Manifolds at BIRS	02/2016
PIMS Symposium on the Geometry and Topology of Manifolds	07/2015
Gökova Geometry/Topology conference 2015	06/2015
Geometry and Topology of symplectic 4-manifolds, UMass Amherst	04/2015
Graduate Student Geometry and Topology Conference 2014 at UIUC	05/2015
Workshop on Topology and Invariants of 4-manifolds at Simons Center	08/2014
Workshop on Contact Geometry in dimension three and higher at UCL	07/2014
Graduate Student Geometry and Topology Conference 2014 at UT Austin	04/2014
Mathematical Congress of the Americas 2013 - Guanajuato	08/2013
Séminaires de Mathématiques Supérieures 2013 - Université de Montreal	07/2013
CAST Summer School 2012 - Renyi Institute	07/2012
Topology of Manifolds - Renyi Institute	08/2011

<b>Teaching experiences</b>	MAT 202 (Linear algebra)	Spring 2018
	Junior seminar in Geometry	Fall 2017
	Teaching Assistant for 18.06 (Linear algebra)	Spring 2015
	Mentor in the Directed Reading Program	January 2013-2016
<b>Languages</b>	Italian - Native	
	English - Very Fluent	
	Mandarin Chinese - Basic	
	French - Basic	
<b>References</b>	Tomasz Mrowka (PhD thesis advisor)	mrowka [at] math.mit.edu
	Peter Ozsváth	ozsvath [at] math.princeton.edu
	Ciprian Manolescu	cm [at] math.ucla.edu
	Zoltán Szabó	szabo [at] math.princeton.edu