

Curriculum Vitae

Ian Agol

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RESEARCH INTERESTS

3-manifold topology and hyperbolic geometry

THESIS

Topology and geometry of hyperbolic 3-manifolds
Thesis Advisor: Michael Freedman

EDUCATION

University of California, San Diego, Ph.D., Mathematics, June
1998.
Caltech, B.S. Mathematics, 1992

GRANTS AND AWARDS

Simons Chair, UC Berkeley Mathematics Dept., 2016-2021
elected member of the National Academy of Sciences, 2016
2016 Breakthrough Prize in Mathematics
Simons Investigator, 2015-2020
Plenary speaker, ICM 2014, Seoul, South Korea
Fellow of the American Mathematical Society, 2013
Oswald Veblen Prize in Geometry, 2013
Miller Professor, Fall 2012
Senior Berwick Prize of the London Mathematical Society, 2012
Simons Sabbatical Fellowship, 2012
NSF DMS-1041217 award for the conference “Low-dimensional
manifolds and high-dimensional categories”, 2011
Clay Research Award, 2009
Speaker, ICM 2006, Madrid, Spain
Guggenheim Fellow, 2006
Sloan fellow, 2003
NSF summer support and travel money, 2002-2014 grants DMS-
0204142, DMS-0504975, DMS-0806027, DMS-1105738, DMS-
1406301

EXPERIENCE

Distinguished Visiting Professor, Institute for Advanced Study,
2015-16
UC Berkeley Professor, 2012-
UC Berkeley, Associate professor, 2007-2012
U Illinois at Chicago, Professor, 2006-2007
U Illinois at Chicago, Associate professor, 2004-2006
U Illinois at Chicago, Assistant professor, 2001-2004
University of Melbourne, Postdoctoral fellow, 2000-2001
University of California at Davis, Visiting Research Assistant
Professor, 1998-2000

ADVISING

PhD advisor: UIC: Shawn Rafalski, 2007, Chris Atkinson 2009
UCB: Matthias Goerner, 2011, Yi Liu, 2012, Sebastian Hur-
tado, 2014, Alvin Kerber 2017, Franco Vargas 2018
PhD candidate advisor UCB: Nic Brody, Kevin Donoghue,
Kyle Miller, Larsen Linov
Postdoctoral advisor: Christian Zickert 2008-2011, Kenji Kozai
2013-16, Kathryn Mann 2014-17, Hongbin Sun 2014-17, Car-
olyn Abbott 2017-.

SERVICE

Editor for Forum of Mathematics Σ and Geometry and Topol-
ogy
Associate editor for Journal of the American Mathematical So-
ciety and Annals of Mathematics
Editor for Journal of Topology, 2012–2017
NSF application reviewer
Simons Fellowship application reviewer 2018
Co-organizer for AIM workshop, “Ricci Flow and Geometriza-
tion of 3-Manifolds”, December 9-13 2003, and MSRI workshop
December 15-19, 2003
Co-organizer for special session at Midwest Sectional Meeting
of the AMS, October 2004
ICM selection committee for Topology, 2010
Co-organizer for conference “Virtual Properties of 3-Manifolds”,
Montreal, March 2010
Co-organizer for conference “Low-dimensional manifolds and
high-dimensional categories”, Berkeley, June 2011

Main organizer for the conference “Cube complexes and surface subgroups”, MSRI, March 2013
E. H. Moore Research Article Prize committee, 2015, 2018
Organized yearlong program “Geometric structures on 3-manifolds”, IAS, 2015-16
Organized conference “Geometric structures on 3-manifolds”, IAS, September 2015
Organized conference “Flows, foliations, and contact structures”, IAS, December 2015
Organizer for semester “Geometric Group Theory”, MSRI, Fall 2016
Organizer for workshop “Groups acting on CAT(0) spaces”, MSRI, September 2016
Board of Trustees, MSRI, 2017-
Scientific committee for conference “Structure of 3-manifold Groups”, CIRM, Marseille, February 2018
Organizer for conference “Topology in dimensions 3, 3.5, and 4”, Berkeley, June 2018

SELECTED INVITED TALKS

Invited talk, Midwest sectional AMS meeting, October 2004, Evanston.
ICM, Madrid, August 2006
Geometry and the Imagination, Princeton, June 2007
Wolfe Lecture, Rice University, March 2009
LMS visiting scholar, Oxford, Warwick, Imperial, June 2009
Workshop on Immersed Surfaces in 3-Manifolds, Institut Henri Poincare, March 2012
PCMI lecturer, July 2012
Minerva Lectures, Princeton, October 2012
Current Developments in Mathematics, Harvard, November 2012
Alaoglu Lecture, Caltech, April 2013
Simons Lecture Series, Stony Brook, March 2014
Coble Lectures, University of Illinois, Champaign, May 2014
Namboodiri Lectures, Chicago, May 2014
Plenary lecture, AMS-Israel Math Society joint meeting, Tel Aviv, June 2014
Plenary speaker, ICM Seoul, 2014

Plenary Lecture, Joint Mathematics Meeting, San Antonio,
January 2015

Virginia Mathematics Lectures, Charlottesville, September 2015

Ritt Lectures, Columbia University, December 2015

Whittemore Lectures, Yale, February 2016

William P. Thurston Lecture, BYU, January 2017

Shanks Lecture, Vanderbilt, May 2017

Chaire Montel, Nice, April-May 2018