

Sami Douba

CONTACT INFORMATION	McGill University Department of Mathematics and Statistics	(514) 945-3399 sami.douba@mail.mcgill.ca http://www.math.mcgill.ca/sdouba
RESEARCH INTERESTS	Geometric group theory, low-dimensional topology, dynamics	
EDUCATION	McGill University Ph.D. Candidate, Mathematics <ul style="list-style-type: none">Supervisors: Prof. Piotr Przytycki, Prof. Dmitry Jakobson M.Sc. in Mathematics, October 2017 <ul style="list-style-type: none">Supervisor: Prof. Eyal GorenThesis title: <i>Towards a general theory of Weierstrass points on curves</i> B.Sc. in Honours Mathematics, June 2015 <i>First Class Honours in Mathematics</i>	
PAPERS	S. Douba, <i>2-Systems of arcs on spheres with prescribed endpoints</i> (to appear in Mich. Math. J.).	
TALKS	February 2019	<i>2-Systems of arcs on spheres with prescribed endpoints</i> , Geometric Group Theory Seminar, McGill University
	March 2020	<i>2-Systems of arcs on spheres with prescribed endpoints</i> , Dynamics, Geometry, and Groups Seminar, Queen's University
	March 2020	<i>Finitely generated subgroups of compact Lie groups</i> , Geometric Group Theory Seminar, McGill University
	July 2020	<i>Embeddability of 3-manifold groups in compact Lie groups</i> , Trends in Low Dimensional Topology
TEACHING AND MARKING	Fall 2020	Teaching Assistant, Algebra I
	Fall 2019	Marker, Euclidean Geometry
	Winter 2019	Teaching Assistant, Analysis II
	Fall 2018	Teaching Assistant, Algebra I
	Fall 2018	Marker, Euclidean Geometry
	Winter 2018	Teaching Assistant, Calculus I
	Winter 2017	Teaching Assistant, Calculus I
	Fall 2016	Teaching Assistant, Analysis I
	Fall 2016	Marker, Honours Algebra III
	Winter 2016	Teaching Assistant, Calculus II
	Fall 2015	Teaching Assistant, Analysis I
MENTORING	Winter 2019	McGill Directed Reading Program, geometry of the hyperbolic plane
HONOURS AND AWARDS	2020	Alexis D. and W. Charles Pelletier Fellowship in Mathematics
	2018–2020	ISM Graduate Scholarship
	2014, 2015	NSERC Undergraduate Student Research Award
	2010–2011	Sheila Baillie Scholarship

CONFERENCES AND SCHOOLS	August	2020	Random and Arithmetic Structures in Topology: Introductory Workshop, MSRI
	Feb.	2020	Young Geometric Group Theory, Saint-Jacut-de-la-Mer, France
	July	2019	Aspects of Geometric Group Theory, IHÉS
	July	2019	Young Geometric Group Theory, Universidad del País Vasco
	May	2019	Simons Semester on Geometric and Analytic Group Theory, IMPAN
	April	2019	Workshop on the Geometry of Teichmüller Spaces, Simons Center
	Nov.	2018	2018 Fields Medal Symposium in honour of Maryam Mirzakhani, the Fields Institute
	August	2018	Workshop on Geometry of Teichmüller Space, the Fields Institute
	August	2018	Summer School on Teichmüller Theory and its Connections to Geometry, Topology and Dynamics, the Fields Institute
ORGANIZATION	July	2020	Geometric Group Theory without Boundaries Virtual Summer School
	2018–2020		Mathematics and Statistics Graduate Student Seminar
	2018–2020		Geometric Group Theory Seminar
	Fall	2018	Reading course on ergodic theory
RELEVANT SKILLS	Programming languages:		Java, C, Python
	Typesetting languages:		L ^A T _E X, HTML
	Spoken languages:		English, Arabic, French