

# Csaba Nagy

---

<b>Contact information</b>	School of Mathematics and Statistics The University of Melbourne Parkville, VIC, 3010, Australia	<b>E-mail</b> <a href="mailto:cnagy@student.unimelb.edu.au">cnagy@student.unimelb.edu.au</a> <b>Webpage</b> <a href="http://researchers.ms.unimelb.edu.au/~cnagy@student/">http://researchers.ms.unimelb.edu.au/~cnagy@student/</a>
<b>Education</b>	<b>2017 – : University of Melbourne</b> <b>2015 – 2016 : University of Aberdeen</b> PhD student in Mathematics, supervisor: <a href="#">Prof. Diarmuid Crowley</a> <b>2012 – : Eötvös Loránd University</b> PhD student in Pure Mathematics, supervisor: <a href="#">Prof. András Szűcs</a> <b>2010 – 2012 : Eötvös Loránd University</b> MSc in Mathematics, supervisor: Prof. András Szűcs Thesis: <i>Classification of simply-connected high-dimensional manifolds following Browder</i> <b>2007 – 2010 : Eötvös Loránd University</b> BSc in Mathematics, supervisor: Prof. András Szűcs Thesis: <i>Exotic spheres</i>	
<b>Accepted papers</b>	<i>Cobordism groups of simple branched coverings.</i> To appear in Acta Mathematica Hungarica. <a href="#">arXiv:1707.02450</a> <i>Singularities and stable homotopy groups of spheres I.</i> (with A. Szűcs, T. Terpai). To appear in Journal of Singularities. <a href="#">arXiv:1506.05260</a>	
<b>Submitted papers</b>	<i>Sum of embedded submanifolds.</i> <a href="#">arXiv:1705.03836</a>	
<b>Conference talks</b>	December 2017: 61st Annual Meeting of the AustMS (Macquarie University, Sydney) Talks: <i>Classifying 8-dimensional E-manifolds; A functorial approach to classifying manifolds</i> June 2017: Ecstatic Lectures : Early Career Topology Researchers In Conference (Sheffield) Talk: <i>8-dimensional E-manifolds</i> September 2016: European Autumn School in Topology (Driebergen) Talk: <i>Classification of certain 8-manifolds</i> June 2016: Early Career Stage Topologists AT Imperial College (Imperial College London) Talk: <i>Cobordism groups of branched coverings</i> February 2016: OAC-manifolds meeting (University of Oxford) Talk: <i>Classifying certain 8-manifolds</i> February 2015: Young Researchers in Singularities (CIRM, Marseille) Poster: <i>Cobordism groups of branched coverings</i>	
<b>Seminar talks</b>	January 2018: Algebraic Geometry and Differential Topology Seminar (Rényi Institute, Budapest) June 2017: Topology seminar (University of Aberdeen) February 2017: Algebraic Geometry and Differential Topology Seminar (Rényi Institute, Budapest) April 2015: Topology seminar (University of Aberdeen) October 2014: Algebraic Geometry and Differential Topology Seminar (Rényi Institute, Budapest)	
<b>Conferences attended</b>	December 2017: Future Directions in Representation Theory (University of Sydney) November 2017: Gauge Theory and Higher Geometry (University of Adelaide) July 2017: Young Topologists Meeting (University of Stockholm) June 2017: Groups, Manifolds and K-Theory (University of Münster) May 2017: Topology in Australia and South Korea (University of Melbourne) July 2016: Surgery and Geometry Workshop (Banff International Research Station) July 2016: Summer School on Surgery and the Classification of Manifolds (University of Calgary) July 2016: Young Topologists Meeting (University of Copenhagen) June 2016: Developments in Contact and Symplectic Topology (University of Glasgow) February 2015: Real Singularities and Applications (CIRM, Marseille) June 2013: Workshop on geometry and topology of smooth 4-manifolds (MPI, Bonn)	

July 2012: CAST Summer school and conference (Rényi Institute, Budapest)  
August 2010: Summer school on topology of manifolds (Jagiellonian University, Kraków)

<b>Teaching</b>	<b>University of Aberdeen</b> Geometry (2016) Analysis II. (2016) Combinatorics (2016)  <b>Eötvös Loránd University</b> Algebraic topology (2012, 2013, 2014) Introduction to topology (2013, 2014) Linear algebra (2011, 2012, 2014)
<b>Languages</b>	Hungarian (mother tongue) English (fluent) French (basic)
<b>Competitions and awards</b>	Republic Scholarship (2009–10, 2011–12, awarded by the Hungarian Ministry of Education) Outstanding Student of the Faculty (2010, awarded by the Faculty of Natural Sciences, Eötvös Loránd University) Schweitzer Mathematical Competition: Second Prize (2012), Third Prize (2011) International Mathematics Competition for University Students: Second Prize (2011), First Prize (2009, 2010) International Mathematical Olympiad: Silver Medal (2006, 2007)
<b>Research interests</b>	Differential topology and algebraic topology: singular maps, in particular branched coverings; surgery theory and the classification of manifolds