| Curriculum Vitae | |
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| Personal information | |
| Surname(s) / First name(s) | Wasserman, Thomas Anton |
| Academic Interests | |
| Interests | Topological Quantum Field Theories, Conformal Field Theory, Higher Cate- gories, Fusion Categories, Mathematical Quantum Field Theory, Topological Quantum Computing, Duality Groups, Simplicial Sheaves. |
| Employment | |
| 2021 - 2022 2018 - 2020 | Stipendiary Lecturer, Lincoln College, University of Oxford Postdoc, University of Copenhagen |
| Education | |
| Period Program Institution Thesis Title Advisor | 2012 -2018¹ DPhil. in Mathematics University of Oxford <i>"The Reduced Tensor Product of Braided Fusion Categories over a Symmetric Fusion Category"</i> Christopher Douglas |
| Period Programs Institution Combined Thesis Advisors | 2008 - 2012 Master Mathematical Sciences and Master Theoretical Physics Universiteit Utrecht "Orbifold Conformal Field Theory and One-Loop Self-Energy in the $S_N \mathbb{R}^D$ Orb- ifold Sigma Model" André Henriques and Gleb Arutyunov |
| Period Programs Institution Thesis | 2005 - 2009 Bachelor Mathematics and Bachelor Physics and Astronomy Universiteit Utrecht "Gravitational Waves from Bubble Collisions during First-Order Phase Transi- tions" (Advisor: Tomislav Prokopec) |
| Publications | |
| Title Co-Author Status | The Landau-Ginzburg / Conformal Field Theory correspondence for x^d and Module Tensor Categories. Ana Ros Camacho arXiv:2206.01045 |
| Title Journal and Year | The Drinfeld centre of a symmetric fusion category is 2-fold monoidal Advances in Mathematics 366:107090, 2020 |
| Title | The symmetric tensor product on the Drinfeld centre of a symmetric fusion category |
| Journal and Year | Journal of Pure and Applied Algebra 224(8):106348, 2020 |
| Title Journal and Year | Drinteld centre-crossed braided tensor categories Higher Structures 5(1):203-243, 2021 |
| Title | The reduced tensor product of braided tensor categories containing a symmetric |
| Journal and Year | In review, Advances in Mathematics |

 $^{^1\}mathrm{My}$ PhD took longer due to my father's sudden passing in December 2013.

| 2021 | "Non-Commutative Geometry Seminar", Leiden University, Invited speaker |
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| 2020 | "Geometry and Topology Seminar", University of Aberdeen, Invited speaker |
| 2019 | "SYM 10 Years Old", University of Copenhagen. |
| 2019 | "Loops in Leeds", University of Leeds, Contributed a talk. |
| 2019 | "Research Seminar Algebra and Mathematical Physics", University of Hamburg, |
| | Invited speaker. |
| 2019 | "Junior Topology and Geometry Seminar, University of Oxford, Contributed |
| | a talk. |
| 2018 | "Topology Seminar", Autonomous University of Barcelona, Invited speaker. |
| 2018 | Visitor at the University of Oxford, from March until August. |
| 2017 | "Topology Seminar", Copenhagen University, Invited speaker. |
| 2017 | "Geometry Seminar", Plymouth University, Invited speaker. |
| 2017 | "Topology Seminar", University of Oxford, Invited speaker. |
| 2017 | "LMS-CMI Research School: Algebraic Topology of Manifolds", Oxford |
| 2017 | "Young Topology Meeting", Stockholm, Contributed a talk. |
| 2017 | "Geometry and Quantum Theory Colloquium", Den Dolder (Joint seminar for |
| | Dutch universities), Invited speaker . |
| 2017 | "Groups, Manifolds and K-Theory", Münster. |
| 2016 | "Clay Mathematics Workshops and Conferences", Oxford. |
| 2016 | "Jóvenes Investigadores X", Complutense University Madrid. Invited |
| | speaker. |
| 2016 | "Young Topology Meeting", Copenhagen. Contributed a talk. |
| 2016 | "Michael Weiss' Birthday Conference", Lisbon. |
| 2016 | "European Talbot", Winterberg. Topic: Topological Quantum Field Theories. |
| 0010 | Mentors: Chris Schommer-Pries and Peter Teichner. Contributed a talk. |
| 2010 | visited Stanford University. Hosts: Raiph Cohen and Søren Galatius. Con- |
| 2016 | "OAC Manifolds Conference" Oxford |
| 2010 | "Higher Structures in Competence , Oxioid. |
| 2015 | "Clay Mathematics Workshop on Algebraic Topology" Oxford |
| 2015 | "Clay Mathematics Conference" Oxford |
| 2015 | "Graduate Workshop on Topological Quantum Field Theory" Simons Centre |
| 2010 | Story Brook, NY. |
| 2015 | "Conference on Topology and Geometry". HIM. Bonn. |
| 2015 | "Young Topology Meeting", Lausanne, Contributed a talk. |
| 2015 | "Homotopy Theory, Manifolds, and Field Theories", Bonn. |
| 2014 | "Topological quantum field theories, quantum groups and 3-manifold invariants |
| | Masterclass", Copenhagen. |
| 2014 | "Young Topology Meeting", Copenhagen. Contributed a talk. |
| 2014 | "Algebraic Topology" program, MSRI, Berkeley. |
| 2014 | "Reimagining the foundations of algebraic topology" workshop MSRI Berkeley. |
| 2013 | "Clay Mathematics Institute conference and workshops", Oxford. |
| 2013 | "Young Researchers in Mathematics", Edinburgh. |
| 2013 | "Categorification and Link Homology short course and workshop, Louvain-La- |
| | Neuve. |
| 2013 | "Young Topology Meeting", Imperial College, London. |
| 2013 | "Higher Structure 2013" workshop, Cambridge. |
| 2012 | "Aspects of Topology", Oxford. |
| 2012 | "Quantum Gravity in Paris", Paris. |
| 2012 | "Higher Geometric Structures along the Lower Rhine", Bonn. |
| 2011 | "Higher Structures in Topology and Geometry IV", Göttingen. |
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2010 "Geometry of gauge theories and the geometric quantization Masterclass" at the University of Amsterdam.

| Awards and Scholarships | |
|---|---|
| 2016 | Departmental Teaching Award from the Mathematical Institute of the University of Oxford |
| 2013 | Scholarship from Prins Bernhard Cultuurfonds for a DPhil. in Mathematics at the University of Oxford (€12000) |
| 2012 | Scholarship from the Engineering and Physical Sciences Research Council for a DPhil. in Mathematics at the University of Oxford |
| 2012 | Scholarship from Dr. Hendrik Muller Vaderlandsch Fonds for a DPhil. in Mathematics at the University of Oxford (\in 5000) |
| 2012 | Funding from Stichting Vreedfonds for a DPhil. in Mathematics at the University of Oxford ($\in 6000$) |
| 2012 | Funding from Fundatie Vrijvrouwe van Renswoude for a DPhil. in Mathematics at the University of Oxford(€6000) |
| 2010 | Second place in the NNV's Bachelor Thesis contest at FYSICA 2010 |
| 2009 | Scholarship from the Swiss government for study at the ETH Zürich for 5 months |
| Teaching experience and Qualifications | |
| Period and Institution Tasks | 2021-2020, Lincoln College, University of Oxford Tutor for first and second year Algebra modules, Admissions Tutor. |

| Period and Institution | 2021-2020, Lincoln College, University of Oxford |
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| Tasks | Tutor for first and second year Algebra modules, Admissions Tutor. |
| Qualification | 2019, Introduction to University Pedagogy |
| Description | Week long intensive introduction to university pedagogy. |
| Period and Institution Tasks | 2019 - 2020, University of Copenhagen. Lecturer: Graduate Courses, Supervisor: Bachelor Thesis, Reading Courses at Bachelor and Master level. |
| Period and Institution | 2018, St. Peter's College, University of Oxford. |
| Title | Non-Stipendiary Lecturer in Pure Mathematics |
| Description | Tutor for prelims tutorials for groups and group actions. |
| Period and Institution | 2015 - 2017, University College, University of Oxford. |
| Title | Junior Lecturer in Pure Mathematics |
| Description | Tutor for prelims tutorials for linear algebra and groups. |
| Period and Institution | 2015, Exeter College, University of Oxford. |
| Title | Tutor for the Williams-Exeter Programme |
| Description | One-on-one tutorials with an exchange student on geometry of surfaces. |
| Period and Institution Title Description | 2012 - 2016, Mathematical Institute, University of Oxford. Teaching Assistant, Class tutor Class tutor for Part C courses on homological algebra, algebraic topology, com- putational algebraic topology, and Lie groups. |
| Period and Institution Title Description | 2008 - 2012, Universiteit Utrecht. Student assistant Teaching assistant for the second year courses on analysis and multidimensional real analysis, third year courses on functional analysis and smooth manifolds, and for the master course on Riemann surfaces. |