

# MANUEL KRANNICH

## PERSONAL DATA

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ADDRESS: Karlsruhe Institute of Technology  
Department of Mathematics  
Englerstraße 2  
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Germany

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RESEARCH INTERESTS: Algebraic and Geometric Topology

## POSITIONS

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since Apr 2022	KARLSRUHE INSTITUTE OF TECHNOLOGY Junior Professor (Tenure-Track, W1 to W3) Head of research group <i>Algebraic and Geometric Topology</i> Institute for Algebra and Geometry Department of Mathematics
Oct 2021 – Mar 2022	UNIVERSITY OF MÜNSTER Postdoctoral researcher Mathematics Münster: Dynamics–Geometry–Structure
Oct 2018 – Sept 2021	UNIVERSITY OF CAMBRIDGE Research Associate Department of Pure Mathematics and Mathematical Statistics

## EDUCATION

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2015 – 2018	UNIVERSITY OF COPENHAGEN PhD in Mathematics Member of the Centre for Symmetry and Deformation Thesis: <i>On characteristic classes of manifold bundles</i> Advisor: Nathalie Wahl
2013 – 2015	KARLSRUHE INSTITUTE OF TECHNOLOGY Master of Science (M.Sc.) in Mathematics
2010 – 2013	KARLSRUHE INSTITUTE OF TECHNOLOGY Bachelor of Science (B.Sc.) in Mathematics

## AWARDS

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2023	INTERNATIONAL CONFERENCE FOR BASIC SCIENCE (ICBS) <i>Frontiers of Science Award 2023</i> for the publication “A homological approach to pseudoisotopy theory I”.
2019	UNIVERSITY OF COPENHAGEN <i>SCIENCE PhD Award 2019</i> for one of the three best PhD theses in sciences of the year.
2015	KARLSRUHE INSTITUTE OF TECHNOLOGY <i>Faculty Award 2015</i> for the best master’s degree of the year.
2013	KARLSRUHE INSTITUTE OF TECHNOLOGY <i>Faculty Award 2013</i> for the best bachelor’s degree of the year.

## SCHOLARSHIPS, STIPENDS, AND GRANTS

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starting 2026	European Research Council <i>ERC Starting Grant</i> “Manifolds and Functor Calculus”
2023	Karlsruhe House of Young Scientists <i>Aspiring Grant</i> to fund a research visit of Robin Stoll
since 2022	Deutsche Forschungsgesellschaft Principal Investigator of the <i>Research Training Group 2229</i> “Asymptotic Invariants and Limits of Groups and Spaces” funded by the DFG (acquired funding for a PhD student through a supplementary proposal).
2015 – 2018	University of Copenhagen, Centre of Symmetry and Deformation, Department of Mathematical Sciences <i>PhD stipend</i> .
2013 – 2015	German National Academic Foundation <i>Scholarship</i> .
2012 – 2013	German Federal Ministry of Education and Research <i>Scholarship Deutschlandstipendium</i> .
2011 – 2012	German Federal Ministry of Education and Research <i>Scholarship Deutschlandstipendium</i> .

## EXTENDED VISITS

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JAN 2022 – MAR 2022	INSTITUT MITTAG-LEFFLER Research programme <i>Higher algebraic structures in algebra, topology and geometry</i> .
APR 2018, MAR 2019, MAR 2020	HARVARD UNIVERSITY Visiting Alexander Kupers.
FEB 2018 – APR 2018	STANFORD UNIVERSITY Visiting Søren Galatius.
JAN 2017 – APR 2017	UNIVERSITY OF CAMBRIDGE Visiting Oscar Randal-Williams.

## PUBLICATIONS

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- Geoffroy Horel, Manuel Krannich, and Alexander Kupers, *Two remarks on spaces of maps between operads of little cubes*.  
Higher Structures, **9** (1) (2025) 329–339.
- Manuel Krannich and Alexander Kupers, *On Torelli groups and Dehn twists of smooth 4-manifolds*.  
Bulletin of the London Mathematical Society, **57** (3) (2025), 956–963.
- Manuel Krannich and Alexander Kupers, *The Disc-structure space*.  
Forum of Mathematics, Pi, **12** (2024) E26 1–98.
- Mauricio Bustamante, Manuel Krannich, Alexander Kupers, and Bena Tshishiku *Mapping class groups of exotic tori and actions by  $SL_d(\mathbb{Z})$* .  
Transactions of the American Mathematical Society, **11** (2024), pp. 1316–1349.
- Manuel Krannich and Alexander Kupers, *A note on homotopy and pseudoisotopy of diffeomorphisms of 4-manifolds*.  
Comptes Rendus Mathématique, **362** (2024), pp. 1515–1520.
- Mauricio Bustamante, Manuel Krannich, and Alexander Kupers, *Finiteness properties of automorphism spaces of manifolds with finite fundamental group*.  
Mathematische Annalen, **388** (2024), 3321–3371.

- Thomas Goodwillie, Manuel Krannich, and Alexander Kupers, *Stability of concordance embeddings*.  
Proceedings of the Royal Society of Edinburgh: Section A Mathematics **154** (6) (2024) 1713–1748.
- Manuel Krannich and Alexander Kupers, *Embedding calculus for surfaces*.  
Algebraic & Geometric Topology **24**-2 (2024), 981–1018.
- Manuel Krannich, *A homological approach to pseudoisotopy theory. I*.  
Inventiones Mathematicae, **227** (2022) no. 3 1093–1167.
- Manuel Krannich, Alexander Kupers, and Oscar Randal-Williams, *An  $HP^2$ -bundle over  $S^4$  with nontrivial  $\hat{A}$ -genus*.  
Comptes Rendus. Mathématique, Tome **359** (2021) no. 2, pp. 149–154.
- Bena Tshishiku, with an appendix by Manuel Krannich, *Geometric cycles and characteristic classes of manifold bundles*.  
Commentarii Mathematici Helvetici, **96** (1) (2021), 1–45.
- Manuel Krannich, *Mapping class groups of highly connected  $(4k+2)$ -manifolds*.  
Selecta Mathematica, **26**, 81 (2020).
- Manuel Krannich and Oscar Randal-Williams, *Mapping class groups of simply connected high-dimensional manifolds need not be arithmetic*.  
Comptes Rendus. Mathématique, Tome **358** (2020) no. 4, pp. 469–473.
- Manuel Krannich, *A note on rational homological stability of automorphisms of manifolds*.  
The Quarterly Journal of Mathematics **71** (3) (2020), 1069–1079.
- Manuel Krannich and Alexander Kupers, *Some Hermitian  $K$ -groups via geometric topology*.  
Proceedings of the American Mathematical Society **149** (2021), 2745–2752.
- Manuel Krannich and Jens Reinhold, *Characteristic numbers of manifold bundles over surfaces with highly connected fibers*.  
Journal of the London Mathematical Society **102** (2) (2020), 879–904.
- Manuel Krannich, *On characteristic classes of exotic manifold bundles*.  
Mathematische Annalen **379** (2021), 1–21.
- Manuel Krannich, *Homological stability of topological moduli spaces*.  
Geometry & Topology **23** (5) (2019), 2397–2474.

## PREPRINTS

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- Manuel Krannich, Alexander Kupers, and Fadi Mezher, *Framed configuration spaces and exotic spheres*.  
Preprint (2025), arXiv:[2509.19074](#).
- Manuel Krannich and Alexander Kupers, *Pontryagin–Weiss classes and a rational decomposition of spaces of homeomorphisms*.  
Preprint (2025), arXiv:[2504.20265](#).
- Manuel Krannich, Alexander Lytchak, and Marco Radeschi, *Isoparametric foliations and bounded geometry*.  
Preprint (2025), arXiv:[2502.20191](#).
- Manuel Krannich and Alexander Kupers,  *$\infty$ -operadic foundations for embedding calculus*.  
Preprint (2024), arXiv:[2409.10991](#).
- Manuel Krannich and Oscar Randal-Williams, *Diffeomorphisms of discs and the second Weiss derivative of  $B\mathrm{Top}(-)$* .  
Preprint (2021), arXiv:[2109.03500](#).

## CONTRIBUTIONS TO CONFERENCE PROCEEDINGS

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- Manuel Krannich, *Pontryagin–Weiss classes*.  
Oberwolfach Reports, **21** (2024), no. 3, 1959–1961.
- Manuel Krannich, *Stability of concordance embeddings*.  
Oberwolfach Reports, **19** (2022), no. 3, 1979–1982.
- Manuel Krannich, *Moduli spaces of  $h$ -cobordisms of discs*.  
Oberwolfach Reports **17** (2020), no. 21, 1089–1090.
- Manuel Krannich, *Pseudoisotopies of even discs, revisited*.  
Oberwolfach Reports **17** (2020), no. 1, 431–432.

## INVITED LECTURE SERIES

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| SEP 2026  | <i>Mini-course: TBD</i> , European Autumn School in Topology, Utrecht (scheduled).   |
| JUN 2025  | <i>Mini-course: Embedding calculus and applications to diffeomorphism groups</i> , Young Topologists Meeting, Stockholm.                     |
| APR 2024  | <i>Mini-course: Pontryagin–Weiss classes and diffeomorphisms of discs</i> , Masterclass: Homotopical methods in manifold theory, Copenhagen. |
| JULY 2023 | <i>Mini-course: Diffeomorphism groups of discs</i> , Workshop: Algebraic K-Theory of Spaces, Regensburg.                                     |
| JUNE 2022 | <i>Lecture series: The Disc-structure space</i> , Topology Seminar, Kansas State University.   |

## INVITED TALKS

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| APR 2026  | <i>TBD</i> , Workshop, Lisbon (scheduled).  |
| OCT 2025  | <i>Pontryagin–Weiss classes</i> , Higher Invariants: interactions between arithmetic geometry and global analysis, Regensburg.  |
| JUL 2025  | <i>Configuration spaces and exotic spheres</i> , Bavarian Topology Meeting, Augsburg.   |
| MAY 2025  | <i>Configuration spaces and exotic spheres</i> , NRW Topology Meeting, Osnabrück.   |
| APR 2025  | <i>Configuration spaces and exotic spheres</i> , Algebraic Topology Seminar, Columbia.  |
| APR 2025  | <i>Configuration spaces and exotic spheres</i> , Topology Seminar, Notre Dame.  |
| APR 2025  | <i>Diffeomorphism groups of discs</i> , Colloquium, Notre Dame.   |
| MAR 2025  | <i>Configuration spaces and exotic spheres</i> , Geometry and Topology Seminar, Toronto.  |
| NOV 2024  | <i>The Disc-structure space</i> , Algebraic Topology Seminar, Princeton.  |
| AUG 2024  | <i>Decomposing high-dimensional manifold theory</i> , Conference: Topology of moduli spaces (on the occasion of Ulrike Tillmann’s 60th birthday), Copenhagen.           |
| JULY 2024 | <i>Pontryagin–Weiss classes</i> , Topologie, Oberwolfach.   |
| MAY 2024  | <i>Pontryagin–Weiss classes</i> , Topology Intercity Seminar, Utrecht.  |
| FEB 2024  | <i>Surreal Pontryagin classes</i> , Colloquium (on the occasion of Michael Weiss’ retirement), Münster.   |
| OCT 2023  | <i>Exotic tori, actions by <math>SL_d(\mathbb{Z})</math>, and mapping class groups</i> , Geometria em Lisboa Seminar, Lisbon.   |
| AUG 2023  | <i>Automorphisms of the <math>E_d</math>-operad</i> , Workshop: String topology and connections to BV-quantization, symplectic topology, and manifold topology, Dublin. |
| JUN 2023  | <i>Exotic tori, actions by <math>SL_d(\mathbb{Z})</math>, and mapping class groups</i> , Oberseminar Differentialgeometrie, Augsburg.                                   |
| JUN 2023  | <i>A rational pullback decomposition of spaces of homeomorphisms of manifolds</i> , Oberseminar Topologie, Münster.   |
| MAY 2023  | <i>Automorphisms of the little <math>d</math>-discs operad</i> , Workshop on Homology of Configuration Spaces and related topics, Paris.                                |

- MAR 2023 *Pontryagin classes of Euclidean fibre bundles over spheres*, Dublin Mathematics Colloquium, Dublin.
- FEB 2023 *Diffeomorphisms of discs*, Colloquium, LMU Munich.
- JAN 2023 *Manifolds and calculus*, Chromatic Homotopy, K-Theory and Functors, CIRM, Luminy.
- OCT 2022 *Manifolds and calculus*, Ib Fest: On the occasion of Ib Madsen's 80'th birthday, Copenhagen.
- SEP 2022 *Multirelative connectivity results in geometric topology*, 4-Manifolds: from Above and Below, CIRM, Luminy.
- SEP 2022 *The Disc-structure space*, Classifying spaces in homotopy theory: in honour of Ran Levi's 60th Birthday, ICMS, Edinburgh.
- JULY 2022 *Stability of concordance embeddings*, Topologie, Oberwolfach.
- JUNE 2022 *The Disc-structure space*, Topology Seminar, Bonn.
- MAY 2022 *Top(d) and orthogonal calculus*, Topology Seminar, Stockholm.
- FEB 2022 *The Disc-structure space*, Higher algebraic structures in algebra, topology and geometry, Institut Mittag-Leffler, Stockholm.
- FEB 2022 *Pseudoisotopies of discs and  $K(\mathbb{Z})$* , Oberseminar Geometrie und Topologie, Göttingen.
- DEC 2021 *Smoothing fibre bundles and diffeomorphism groups of discs*, IMUNAM Algebraic Topology Seminar, Mexico City.
- OCT 2021 *Top(d) and orthogonal calculus*, Topology Seminar, Münster.
- JULY 2021 *(In)finiteness properties of automorphism spaces of manifolds*, AG-Seminar, Regensburg.
- APR 2021 *Embedding calculus, factorisation homology, and surfaces*, Séminaire de l'équipe Topologie Algébrique, Université Sorbonne Paris Nord (Paris 13).
- APR 2021 *Embedding calculus in codimension zero*, Building Bridges Seminar: Invariants of Embedding spaces, virtual.
- FEB 2021 *Smoothing fibre bundles and diffeomorphism groups of discs*, Geometry & Topology Seminar, Toronto.
- JULY 2020 *Moduli spaces of  $h$ -cobordisms of discs*, Topologie, Oberwolfach.
- MAY 2020 *Pseudoisotopies of discs and algebraic  $K$ -theory of the integers*, Topology Seminar, Purdue.
- MAY 2020 *The pseudoisotopy stable range*, Topology Seminar, Bonn.
- MAR 2020 *Pseudoisotopies of even discs and algebraic  $K$ -theory of the integers*, Topology Seminar, Wayne State.
- MAR 2020 *Pseudoisotopies of even discs and algebraic  $K$ -theory of the integers*, Geometry & Topology Seminar, Brown.
- MAR 2020 *Pseudoisotopies of even discs and algebraic  $K$ -theory of the integers*, Topology Seminar, Brandeis.
- FEB 2020 *Pseudoisotopies of even discs, revisited*, Manifolds and Groups, Oberwolfach.
- JAN 2020 *A homological approach to pseudoisotopy theory*, Topology Seminar, Warwick.
- DEC 2019 *A homological approach to pseudoisotopy theory*, Topology Seminar, Münster.
- NOV 2019 *Diffeomorphism groups of discs*, Topology Seminar, Aberdeen.
- OCT 2019 *Mapping class groups, signatures, and arithmeticity*, MPI Topology Seminar, Bonn.
- JULY 2019 *Diffeomorphism groups of discs*, Four Manifolds: Confluence of High and Low Dimensions, Fields Institute, Toronto.
- JUNE 2019 *Rational homotopy groups of diffeomorphism group of discs, revisited* (short talk), Conference: SYM 10 Years Old, Copenhagen.
- APR 2019 *Mapping class groups of highly connected manifolds*, Utrecht Geometry Centre Seminar, Utrecht.
- APR 2019 *Mapping class groups of highly connected manifolds*, Seminar in Algebra & Geometry, Stockholm.

MAR 2019	<i>Mapping class groups of highly connected manifolds</i> , Topology Seminar, MIT.
JAN 2019	<i>Mapping class groups of highly connected manifolds</i> , Geometry and Topology Seminar, Durham.
DEC 2018	<i>On the signature of bundles over surfaces</i> , Oberseminar Differentialgeometrie, Augsburg.
DEC 2018	<i>Mapping class groups of highly connected manifolds</i> , Bavarian Geometry and Topology Seminar, Augsburg.
NOV 2018	<i>Detecting exotic smooth structures in diffeomorphism groups</i> , Differential Geometry and Topology Seminar, Cambridge.
SEPT 2018	<i>Topological moduli spaces, <math>E_2</math>-algebras, and homological stability</i> , Workshop: Cohomological study of mapping class groups and related topics, Strasbourg.
APR 2018	<i>Characteristic numbers of manifold bundles over surfaces with highly connected fibres</i> , Oxford–Aberdeen–Cambridge Meeting on Manifolds, Cambridge.
APR 2018	<i>Homological stability of topological moduli spaces</i> , Topology Seminar, Purdue.
APR 2018	<i>Detecting exotic smooth structures in diffeomorphism groups</i> , Topology Seminar, Northwestern.
APR 2018	<i>Topological moduli spaces, <math>E_2</math>-algebras, and homological stability</i> , Geometry/Topology Seminar and Topology Seminar (joint), University of Chicago.
JAN 2018	<i>On characteristic classes of exotic manifold bundles</i> , Topology Seminar, Bonn.
JAN 2018	<i>On characteristic classes of exotic manifold bundles</i> , Topology Seminar, Karlsruhe.
JAN 2018	<i>On characteristic classes of exotic manifold bundles</i> , Topology Seminar, Münster.
OCT 2017	<i>On characteristic classes of exotic manifold bundles</i> , Topology Seminar, Copenhagen.
MAR 2017	<i>Homological stability of <math>E_1</math>-modules over <math>E_2</math>-algebras and twisted stability of topological moduli spaces</i> , Topology Seminar, Aberdeen.
MAR 2017	<i>Moduli spaces of manifolds</i> , Geometry Tea, Cambridge.
JUNE 2015	<i>Through scanning to the theorem of Galatius-Madsen-Tillmann-Weiss</i> , Topology Seminar, Karlsruhe.

#### CONTRIBUTED TALKS

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JUNE 2021	<i>The Disc-structure space</i> , Conference <i>Manifolds and K-theory: the legacy of Andrew Ranicki</i> , Edinburgh.
DEC 2018	<i>Mapping class groups of highly connected manifolds</i> , Workshop "Manifolds", part the programme "Homotopy harnessing higher structures", Newton Institute, Cambridge.
JUN 2018	<i>On the signature of smooth bundles over surfaces</i> , International Conference on Manifolds, Groups and Homotopy, Skye.
SEPT 2017	<i>On characteristic classes of bundles of manifolds connect summed with an exotic sphere</i> (short talk), Research School: Algebraic Topology of Manifolds, Oxford.
JULY 2017	<i>On the cohomology of moduli spaces of manifolds connect summed with an exotic sphere</i> , Young Topologists Meeting, Stockholm.
SEPT 2016	<i>Homological stability of <math>E_2</math>-modules and twisted stability of moduli spaces of manifolds</i> , European Autumn School in Topology 2016, Utrecht.
MAY 2016	<i>Scanning &amp; stability — Scrutinizing topological moduli spaces</i> , ALG/NCG/TOP PhD students' seminar, Copenhagen.

#### SERVICE

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since 2018	Referee reports and opinions for various journals in mathematics including <i>Acta Mathematica</i> , <i>Advances in Mathematics</i> , <i>Algebraic &amp; Geometric Topology</i> , <i>American Journal of Mathematics</i> , <i>Crelle</i> , <i>Communications in Mathematical Physics</i> , <i>Forum of Mathematics Sigma</i> , <i>Geometry &amp; Topology</i> , <i>Journal of the European Mathematical Society</i> , <i>Journal of Topology</i> , <i>Mathematische Annalen</i> , <i>Philosophical Transactions of the Royal Society A</i> , <i>Selecta Mathematica</i> .
OCTOBER 2024	Examiner for PhD thesis of Étienne Batelier, University of Münster.
NOVEMBER 2023	Organiser of the workshop <i>Spaces of manifolds: algebraic and geometric approaches</i> , Banff International Research Station.
MAY 2023	Examiner for PhD thesis of Erik Lindell, Stockholm University.
SINCE MAY 2022	Organiser of the <i>Online Seminar on Manifolds, homotopy theory, and related topics</i> , jointly with Alexander Kupers and Oscar Randal-Williams.
MAY 2022	Examiner for licentiate thesis of Robin Stoll, Stockholm University.
SPRING 2021	Organiser of the <i>Seminar on Factorisation Homology</i> , Cambridge.
FALL 2019	Organiser of the <i>Seminar on work of Weiss and Williams</i> , Cambridge.
JAN 2016 – SEPT 2018	Organiser of pre-talks to the <i>Topology Seminar</i> , Copenhagen.
AUG 2016 – SEPT 2018	Organiser of the <i>ALG/NCG/TOP PhD students' seminar</i> , Copenhagen.
JULY 2016	Organiser of the conference <i>Young Topologists Meeting 2016</i> , Copenhagen.

## SUPERVISION AND MENTORING EXPERIENCE

starting Nov 2025	Postdoctoral mentor of Fadi Mezher.
since Apr 2023	PhD advisor of João Lobo Fernandes.
Oct 2022 – Sept 2025	Postdoctoral mentor of Florian Kranhold.
SUMMER 2025	Supervision of five Bachelor's theses.
WINTER 2024/2025	Supervision of two Master's theses.
WINTER 2023/2024	Supervision of a Master's thesis and a Bachelor's thesis.
SUMMER 2023	Supervision of a Master's thesis.

## TEACHING EXPERIENCE

WINTER 2025/2026	Lecture: <i>Topics in Homotopy Theory</i> , Karlsruhe, Lecturer.
WINTER 2024/2025	Lecture: <i>Algebraic Topology</i> , Karlsruhe, Lecturer.
SUMMER 2024	Lecture: <i>Lectures on Exotic Spheres</i> , Karlsruhe, Lecturer.
SUMMER 2024	Seminar: <i>Fundamental groups and covering spaces</i> , Karlsruhe, Lecturer.
WINTER 2023/2024	Lecture: <i>Elementary Geometry</i> , Karlsruhe, Lecturer.
SUMMER 2023	Seminar: <i>Cohomology and Characteristic Classes</i> , Karlsruhe, Lecturer.
WINTER 2022/2023	Lecture: <i>Algebraic Topology</i> , Karlsruhe, Lecturer.
SUMMER 2022	Seminar: <i>Vector bundles and topological K-theory</i> , Karlsruhe, Lecturer.
FALL 2020	Lecture series: <i>Lectures on Manifold Topology: Exotic Spheres</i> , Lecturer (as part of the Online Graduate Lecture Series of the London Mathematical Society).
FALL 2017	Lecture: <i>Algebraic Topology</i> , Copenhagen, Teaching Assistant.
FALL 2016	Lecture: <i>Algebraic Topology</i> , Copenhagen, Teaching Assistant.
SUMMER 2015	Lecture: <i>Algebraic Topology</i> , Karlsruhe, Tutor.
WINTER 2014/2015	Lecture: <i>Introduction into Geometry and Topology</i> , Karlsruhe, Tutor.
WINTER 2013/2014	Lecture: <i>Differential Geometry</i> , Karlsruhe, Teaching Assistant.
SUMMER 2013	Lecture: <i>Introduction into Algebra and Number Theory</i> , Karlsruhe, Tutor.
WINTER 2012/2013	Lecture: <i>Introduction into Geometry and Topology</i> , Karlsruhe, Tutor.

SUMMER 2012      Lecture: *Linear Algebra II*, Karlsruhe, Tutor.  
WINTER 2012/2013      Lecture: *Linear Algebra I*, Karlsruhe, Tutor

#### CONFERENCES AND WORKSHOPS ATTENDED

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JUNE 2026	Workshop, Topologie, Oberwolfach (scheduled).
APR 2026	TBD, Workshop, Lisbon (scheduled).
OCT 2025	Conference: Higher Invariants: interactions between arithmetic geometry and global analysis, Regensburg).
DEC 2024	Workshop: Real THH in Venice, Venice.
AUG 2024	Conference: Topology of moduli spaces (on the occasion of Ulrike Tillmann's 60th birthday), Copenhagen.
JULY 2024	Workshop, Topologie, Oberwolfach.
APR 2024	Masterclass: Homotopical methods in manifold theory, Copenhagen.
NOVEMBER 2023	Workshop <i>Spaces of manifolds: algebraic and geometric approaches</i> , Banff International Research Station .
AUGUST 2023	Workshop: String topology and connections to BV-quantization, symplectic topology, and manifold topology, Dublin.
JULY 2023	Workshop: Algebraic K-Theory of Spaces, Regensburg.
JAN 2023	Workshop, <i>Workshop on Homology of Configuration Spaces and related topics</i> , Paris.
JAN 2023	Conference, <i>Chromatic Homotopy, K-Theory and Functors</i> , CIRM, Luminy.
OCT 2022	Conference, <i>Ib Fest: Conference on the occasion of Ib Madsen's 80th birthday</i> , Copenhagen.
SEP 2022	Workshop, <i>4-Manifolds: from Above and Below</i> , CIRM, Luminy.
SEP 2022	Workshop, <i>Classifying spaces in homotopy theory: in honour of Ran Levi's 60th Birthday</i> , ICMS, Edinburgh.
JULY 2022	Workshop, Topologie, Oberwolfach.
JUNE 2021	Conference <i>Manifolds and K-theory: the legacy of Andrew Ranicki</i> , Edinburgh.
JULY 2020	Workshop <i>Topologie</i> , Oberwolfach.
FEB 2020	Workshop <i>Manifolds and Groups</i> , Oberwolfach.
OCT 2019	Workshop <i>2019 Clay Research Conference and Workshops</i> , Oxford.
SEPT 2019	Workshop <i>Automorphisms of Manifolds</i> , Hausdorff Center, Bonn.
JUL 2019	Workshop <i>Four Manifolds: Confluence of High and Low Dimensions</i> , Fields Institute, Toronto.
JUN 2019	Conference <i>SYM 10 years old</i> , Copenhagen.
DEC 2018	Conference <i>Bavarian Topology and Geometry Meeting</i> , Augsburg.
DEC 2018	Workshop <i>Manifolds</i> , part of the programme <i>Homotopy harnessing higher structures</i> , Isaac Newton Institute, Cambridge.
SEPT 2018	Workshop <i>Cohomological study of mapping class groups and related topics</i> , Strasbourg.
JULY 2018	Conference <i>Young Topologists Meeting 2018</i> , Copenhagen.
JUNE 2018	Conference <i>Manifolds, Groups and Homotopy</i> , Skye.
JUNE 2018	Workshop <i>Secondary and delocalized index invariants</i> , Copenhagen.
APR 2018	Oxford–Aberdeen–Cambridge meeting on <i>Manifolds</i> , Cambridge.
APR 2018	Conference <i>Graduate Student Topology and Geometry Conference</i> , Chicago.
SEPT 2017	Research School <i>Algebraic Topology of Manifolds</i> , Oxford.
JULY 2017	Conference <i>Young Topologists Meeting 2017</i> , Stockholm.
JUNE 2017	Masterclass <i>Stable Homotopy Theory and p-Adic Hodge Theory</i> , Copenhagen.



JUNE 2017	Conference <i>Groups, Manifolds and K-Theory</i> , Münster.
MAY 2017	Masterclass <i>Cohomology of Arithmetic Groups</i> , Copenhagen.
APR 2017	Conference <i>Moduli and Traces</i> , Copenhagen.
MAR 2017	Oxford–Aberdeen–Cambridge meeting on <i>Manifolds</i> , Oxford.
DEC 2016	Winter School on <i>Bordism, L-theory, and Real Algebraic K-Theory</i> , Regensburg.
OCT 2016	Conference <i>Configuration Spaces and Moduli Spaces in Homotopy Theory</i> , Bonn.
SEPT 2016	Autumn School <i>European Autumn School in Topology 2016</i> , Utrecht.
JULY 2016	Conference <i>Young Topologists Meeting 2016</i> , Copenhagen.
JUNE 2016	Conference <i>Topology of Manifolds</i> , Lisbon.
JUNE 2016	Conference <i>Algebra in Geometry</i> , Copenhagen.
FEB 2016	Oxford–Aberdeen–Cambridge meeting on <i>Manifolds</i> , Oxford.
NOV 2015	Workshop on <i>Automorphism of Free Groups</i> , Copenhagen.
MAY 2015	Introductory School to TP <i>Homotopy Theory, Manifolds and Field Theories</i> , Bonn.
FEB 2014	Karlsruhe–Stuttgart Seminar <i>Representation Theory and Geometry</i> , Blaubeuren.
JUNE 2014	Summer School on <i>Surgery Theory and its Applications in Geometry</i> , Münster.