

| | | |
|---------------------------------|--|---|
| Employment | Postdoctoral fellow Max Planck Institute for Mathematics Mentor: Christian Blohmann | September 2022 – present |
| Education | PhD in Mathematics Universiteit Utrecht Main topic: Hamiltonian actions of proper symplectic groupoids Advisor: Marius Crainic | Utrecht, The Netherlands February 2018 – June 2022 |
| | MSc in Mathematics Universiteit Utrecht Specialization: Differential geometry and topology Thesis title: <i>On Hamiltonian actions of symplectic groupoids; a classification of toric actions</i> Thesis supervisor: Marius Crainic | Utrecht, The Netherlands February 2016 – February 2018 |
| | BSc in Mathematics & BSc in Physics Universiteit Utrecht Thesis title: <i>On the existence of symplectic forms on open manifolds</i> Thesis supervisor: Fabian Ziltener | Utrecht, The Netherlands September 2012– January 2016 |
| Publications/preprints | <i>Stratification of the transverse momentum map</i> , arXiv:2109.13874, 57 pages, to appear in Compositio Mathematica. Here is a recording of a talk on this. <i>On the classification of multiplicity-free Hamiltonian actions by regular proper symplectic groupoids</i> , arXiv:2401.00570, 79 pages. <i>Kähler metrics and toric Lagrangian fibrations</i> , with Rui Loja Fernandes, arXiv:2401.02910, 58 pages. Here is a recording of a talk on this. | |
| Conference/seminar talks | Higher structures seminar, Georg-August-Universität, Göttingen (upcoming). | February 2024 |
| | Geometria em Lisboa seminar. | November 2023 |
| | Higher Geometric Structures along the Lower Rhine XVI meeting, Universiteit Utrecht. | February 2023 |

| | |
|--|---------------|
| Blitz talk in Workshop on Lie Groups, Singular Spaces and Higher Structures, Fields Institute. | January 2023 |
| Equivariant topology seminar, Universität zu Köln. | November 2022 |
| Higher differential geometry seminar, MPIM (two talks). | October 2022 |
| Symplectic geometry seminar, University of Toronto. | May 2022 |
| Symplectic and Poisson geometry seminar, UIUC. | May 2022 |
| Lie Theory and Poisson Geometry conference, CIRM. | January 2022 |
| 15th International Young Researchers Workshop on Geometry, Mechanics and Control. | December 2020 |

Organization

| | |
|---|----------------------------|
| <i>PhD colloquium “Higher differential geometry in the Bonn-Göttingen-Würzburg-groupoid” (two editions)</i> with Annika Tarnowsky and Lory Kadiyan | June and October 2023 |
| <i>Reading seminar on the book “Equivariant sheaves and functors” by Bernstein and Lunts</i> | March 2023 – July 2023 |
| <i>Online Friday Fish seminar</i> with Álvaro del Pino Gómez and Marius Crainic | July 2020 – June 2021 |
| <i>Reading seminar on equivariant cohomology</i> with Luca Accornero and Sergej Monavari | February 2019 – April 2019 |

Teaching experience

During my studies and PhD at Universiteit Utrecht I have been a teaching assistant for the courses listed below. The role of a teaching assistant in Utrecht is: to help students to solve exercises, to answer their questions concerning the course subject, and to grade homework and exams.

| | |
|---|--------------------------------|
| <i>Introduction to topology</i> | November 2020 – January 2021 |
| <i>Introduction to multivariable analysis</i> | September 2020 – November 2020 |
| <i>Differentiable manifolds</i> | September 2020 – November 2020 |
| <i>Introduction to probability and statistics</i> | November 2019 – January 2020 |
| <i>Differentiable manifolds</i> | September 2019 – November 2019 |
| <i>Introduction to topology</i> | November 2018 – January 2019 |
| <i>Differentiable manifolds</i> | September 2018 – November 2018 |
| <i>Introduction to analysis</i> | April 2018 – June 2018 |
| <i>Calculus B</i> | February 2018 – April 2018 |
| <i>Poisson Geometry</i> | September 2017 – January 2018 |
| <i>Symplectic geometry</i> (UGC summer school) | August 2017 |

Classification of compact surfaces (UGC summer school) August 2017
Introduction to topology November 2015 – January 2016

In addition, I have been involved in the following more advanced teaching activities.

Co-supervision master thesis February 2022 – October 2022
 Together with Marius Crainic, I supervised the master thesis project of Lucas Smits on the construction of Poisson manifolds of strong compact type.

Reading seminar on G-structures February 2019 – June 2019
 Together with Francesco Cattafi, I have organized and supervised a reading seminar on the theory of G -structures, aimed at master students of Universiteit Utrecht. In this seminar the students gave two-hour talks on various topics related to G -structures. Our role in this was to organize the reading material for the students and give feedback on their talks.

Exercise classes summer school “Poisson 2018” July 2018
 Together with Laurant Toussaint, I have organized the exercise classes for a course on “Poisson manifolds of compact types”. The course was part of the Poisson 2018 summer school at the Fields Institute in Toronto, and was taught by Rui Loja Fernandes and David Martínez Torres. Our role in this was to prepare the exercises and to solve them in an interactive manner during the exercise classes.

Conferences attended

Quantization in geometry Universität zu Köln
 27–28 July 2023

The many interactions of symplectic and Poisson geometry Institut Henri Poincaré
 19–23 June 2023

Higher geometric structures along the Lower Rhine XVI Universiteit Utrecht
 16–17 February 2023

Workshop on Lie groups, singular spaces and higher structures Fields Institute
 9–13 January 2023

Higher geometric structures along the Lower Rhine XV Radboud Universiteit
 3–4 November 2022

Perspectives in equivariant topology workshop Universität zu Köln
 26–30 September 2022

Poisson 2022 conference Madrid
 25–29 July 2022

Poisson 2022 school Barcelona
 18–22 July 2022

Poisson Geometry, Lie Groupoids and Differentiable Stacks BIRS, Banff
 5–10 June 2022

Lie Theory and Poisson Geometry CIRM, Luminy
 10–14 January 2022

15th International young researchers workshop on geometry, mechanics and control Online
 30 November– 4 December 2020

| | |
|---|--|
| <i>Singular foliations and related structures</i> | Online October 1–2 2020 |
| <i>Junior global Poisson workshop</i> | Online 14–16 September 2020 |
| <i>Gone fishing</i> | Online May 14 – May 16 2020 |
| <i>Contact and Poisson geometry</i> | Universitatea de Vest din Timișoara 31 October– 2 November 2019 |
| <i>Geometry and quantum theory graduate school</i> | Den Dolder 1–3 July 2019 |
| <i>Higher geometric structures along the Lower Rhine XIII</i> | Universiteit Utrecht 13–14 June 2019 |
| <i>Mini-workshop on symplectic geometry</i> | Universiteit Utrecht 15 March 2019 |
| <i>CAST 2019</i> | Humboldt Universität zu Berlin 7–9 March 2019 |
| <i>Higher geometric structures along the lower Rhine XII</i> | Radboud Universiteit 31 January–1 February 2019 |
| <i>Poisson aan de Waal</i> | Radboud Universiteit 12–14 December 2018 |
| <i>Geometry and quantum theory graduate school and colloquium</i> | Groesbeek 26–30 November 2018 |
| <i>Mini-workshop on symplectic geometry</i> | Vrije Universiteit Amsterdam 20–21 September 2018 |
| <i>Poisson geometry and higher structures</i> | Sapienza Università di Roma 10–14 September 2018 |
| <i>Poisson 2018 conference</i> | Fields Institute, Toronto 16–20 July 2018 |
| <i>Poisson 2018 summer school</i> | Fields Institute, Toronto 9–13 July 2018 |
| <i>Geometry and Quantum Theory graduate school and colloquium</i> | Groesbeek 4–8 June 2018 |
| <i>Mini-workshop on symplectic geometry</i> | Universiteit Utrecht 16 March 2018 |
| <i>Higher geometric structures along the Lower Rhine XI</i> | MPIM, Bonn 8–9 March 2018 |
| <i>Higher geometric structures along the Lower Rhine X</i> | Universiteit Utrecht 19–20 October 2017 |
| <i>Mini-workshop on symplectic geometry</i> | Vrije Universiteit Amsterdam 9 October 2017 |
| <i>Lie Pseudogroups: old and new</i> | Driebergen 2–4 October 2017 |
| <i>PADGE 2017</i> | KU Leuven 21–25 August 2017 |

| | |
|---|---|
| <i>Geometry and Quantum Theory graduate school and colloquium</i> | Den Dolder 3–7 July 2017 |
| <i>Higher geometric structures along the lower Rhine IX</i> | Radboud University 11–12 May 2017 |
| <i>Mini-workshop on symplectic geometry</i> | Universiteit Utrecht 17 March 2017 |
| <i>Geometry and quantum theory graduate school and colloquium</i> | Den Dolder 28 November–2 December 2016 |
| <i>Mini-workshop on symplectic geometry</i> | Vrije Universiteit Amsterdam 30 September 2016 |
| <i>Poisson 2016 conference</i> | ETH Zürich 4–8 July 2016 |
| <i>Poisson 2016 summer school</i> | Université de Genève 27 June–1 July 2016 |
| <i>Mini-workshop on symplectic geometry</i> | Universiteit Utrecht 11 March 2016 |

Citizenship The Netherlands.

Languages Dutch (Native), English (Fluent), French (Basic), German (Basic).