Thomas Tony | Curriculum vitae

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Education

2022 – present	PhD in Mathematics (Dr. rer. nat.), University of Münster.
	• advisor: R. Zeidler
2019 – 2022	Master of Science in Mathematics, University of Freiburg.
2013 – 2019	First State Exam in Mathematics and Physics (teaching degree), University of Freiburg.

Scholarships, grants and awards

2022 – present	Doctoral position founded by the Cluster of Excellence Mathematics Münster.
2020 – 2021	Deutschlandstipendium, University of Freiburg.
2013	DMV-Abiturpreis, Deutsche Mathematiker-Vereinigung.

Invited research seminar talks

01/2024	Oberseminar Differentialgeometrie, University of Freiburg.
11/2023	Geometric Analysis Seminar, The City University of New York.
01/2023	Arbeitsgruppenseminar Tuschmann, Karlsruhe Institute of Technology.

Organized conferences and workshops

08/2024	Young Topologist Meeting (YTM) ⧉, Cluster of Excellence Mathematics Münster.

Participation in conferences and workshops

03/2024	Mathematics Münster Mid-term Conference ⧉, Cluster of Excellence Mathematics Münster.
12/2023	Workshop on Operator Algebras and Applications: Non-Commutative Geometry ⧉, Fields Institute, Toronto.
10/2023	Autumn School on Large Scale Geometry ⧉, Gong Talk given, University of Göttingen.
08/2023	Workshop on Curvature and Global Shape ⧉, Poster presented, Cluster of Excellence Mathematics Münster.
04/2023	*Higher Structures in Geometry and Mathematical Physics* ⧉, Centre International de Rencontres Mathématiques, Marseille.

Research stays

11/2023	Visiting Renato G Bettiol, The City University of New York.

Teaching experience

University of Münster ....

Summer 2023	*Differential Equations*, Tutor, given by T. de Laat.

University of Freiburg (as a tutor) ....

2015 – 2022	*Linear Algebra I* and *II* (2x), *Analysis I* and *II*, *Multiple Integration* (teaching degree), *Complex Analysis*, *Differential Geometry*.

Extramural teaching ....

    2016 - 2022   Learn coaching, Das Lernteam.

    2016 - 2020   Preparation for the General Certificate of Education in mathematics, Abiturma.

Language skills

German (native), English (B2 in parts C1), French (B1)

Technical skills

Latex, Python, Linux

Theses

[1]   T. Tony. *The End-Periodic Index Theorem for Dirac Operators and its Connection to the Classical Atiyah-Patodi-Singer Index Theorem*. https://ttony.eu/documents/thesis-master.pdf. Master's thesis, advisor: N. Große, University of Freiburg. 2022.

[2]   T. Tony. *Die Riemannsche Vermutung und die Primzahlverteilung*. https://ttony.eu/documents/thesis-state-exam.pdf. State exam's thesis (accepted as Bachelor's thesis as well), advisor: K. Wendland, University of Freiburg. 2019.