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# Curriculum Vitæ: Aaron Hofer

## Contact details

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## Education

10/2022-	PhD in Mathematics, University of Hamburg topic of thesis: Defects in non-semisimple 3d topological field theory and 2d logarithmic conformal field theory supervisor: <a href="#">Ingo Runkel</a>
10/2019-02/2022	MSc in Physics, University of Vienna topic of thesis: <a href="#">TQFTs with additional structure</a> supervisor: <a href="#">Nils Carqueville</a>
10/2015-08/2018	BSc in Physics, University of Innsbruck topic of thesis: Phononic excitations of nanoscale solids supervisor: <a href="#">Oriol Romero-Isart</a>
09/2010-07/2014	Highschool, Bundes Oberstufen Real Gymnasium Mittersill

## Teaching experience

Winter term 2024	Exercise classes <a href="#">Mathematik I für Studierende der Geophysik /Ozeanographie, Meteorologie und Physik und der Computing in Science</a> , University of Hamburg
Summer term 2023	Exercise classes <a href="#">Advanced algebra - homological algebra and representation theory</a> , University of Hamburg
Winter term 2022/23	Exercise classes <a href="#">Hopf Algebras, quantum groups and topological field theory</a> , University of Hamburg
Winter term 2018/19	Tutor in Theoretical Physics I: Classical Mechanics, University of Innsbruck

## Attended Schools and Conferences

18-22.03.2024	<a href="#">Workshop on New Directions in Conformal Field Theory</a>
19.01.2024	<a href="#">16th Seminar on Conformal Field Theory</a>
08-10.11.2023	<a href="#">WPC Theoretical Physics Symposium</a>
04-08.09.2023	<a href="#">Categorical Symmetries in Quantum Field Theories</a> (School)
14-18.08.2023	<a href="#">Higher structures in Functorial Field Theory</a>
19-23.06.2023	<a href="#">Hausdorff School: “TQFTs and their connections to representation theory and mathematical physics”</a>

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18-22.07.2022	<a href="#">Strings 2022</a> (student volunteer)
10/2019-02/2022	<a href="#">Vienna Master Class Mathematical Physics</a>
03-06.09.2020	<a href="#">Vienna Summer School 2020 on Gravitational Quantum Physics</a>

## Talks

March 2024	<a href="#">Workshop on New Directions in Conformal Field Theory</a> , Hamburg: Modular functors from non-semisimple 3d TFTs
September 2023	<a href="#">QU Day 3 2023</a> , Hamburg: CFT/TFT correspondence beyond semisimplicity
September 2023	<a href="#">Categorical Symmetries in Quantum Field Theories</a> , Les Diablerets: Gong show talk on the CFT/TFT correspondence
April 2023	<a href="#">Seminar Quantum Physics and Geometry</a> , Hamburg: Topological defects in the 2d Ising CFT
March 2023	<a href="#">Carqueville group seminar</a> , Vienna: Lyubashenko's modular functor via holography

## Awards and prizes

[Alfred-Wehrl award](#) 2022