

Curriculum Vitae of Vincent Koppen

PERSONAL INFORMATION	Date and place of birth: Nationalities:	23.02.1993 in Hamburg, Germany German, U.S.
CONTACT INFORMATION	Fachbereich Mathematik Universität Hamburg Bundesstraße 55 20146 Hamburg	Office: 1520 Tel.: +49 40 42838 9348 E-mail: vincent.koppen@uni-hamburg.de www.math.uni-hamburg.de/home/koppen
POSITIONS	since 2017	Fachbereich Mathematik, Universität Hamburg Research associate in the RTG 1670 “Mathematics Inspired by String Theory and Quantum Field Theory” funded by the Deutsche Forschungsgemeinschaft (DFG)
EDUCATION	Universität Hamburg	Ph.D. candidate, Mathematics (expected June 2020) <ul style="list-style-type: none">• Dissertation topic: “Hopf-algebraic structures inspired by Kitaev models”• Advisor: Christoph Schweigert M.Sc. in Mathematical Physics, with distinction, September 2017 <ul style="list-style-type: none">• Thesis topic: “Labels for generalized Wilson lines in terms of Hopf bimodules”• Advisor: Christoph Schweigert B.Sc. in Physics, September 2015
PUBLICATIONS & PREPRINTS		<i>Defects in Kitaev models and bicomodule algebras.</i> arXiv:2001.10578 [math.QA] <i>On isotypic decompositions for non-semisimple Hopf algebras.</i> Joint with Ehud Meir and Christoph Schweigert. arXiv:1910.13161 [math.QA] <i>Category-valued traces for bimodule categories: a representation-theoretic realization.</i> Comm. Algebra 47 (2019), no. 5, 2049-2059. arXiv:1802.10035 [math.QA]
INVITED TALKS		Quantum Day 2019, Facultad de Matemática, Astronomía, Física y Computación, Universidad Nacional de Córdoba, Argentina. (March 2019) Aberdeen Algebra Seminar, Institute of Mathematics, University of Aberdeen, UK. (November 2018) Seminar of Research Group on Lie Groups, Department of Mathematics, Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany. (December 2019) Oberseminar zur Algebra und Algebraischen Kombinatorik, Institut für Algebra, Zahlentheorie und Diskrete Mathematik, Leibniz-Universität Hannover, Germany. (January 2020) Research Group Eisert, Department of Physics, Freie Universität Berlin, Germany. (February 2020)
TEACHING EXPERIENCE	Fall 2014	Teaching assistant for “Mathematik III für Studierende der Physik” (Mathematics III for students of Physics) at University of Hamburg

OTHER ACTIVITY since Fall 2018 Spokesperson of students in the RTG 1670 “Mathematics Inspired by String Theory and Quantum Field Theory” (Member of the RTG 1670 student council since 2017)

REFERENCES Dr. Christoph Schweigert Dr. Ehud Meir
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