

# Curriculum Vitae



## Personal Information

Date and place of birth 16 November 1997, Hannover in Germany  
Nationality German  
Marital status single

## Executive Summary

Licentiate and prospective PhD in pure mathematics with several years of tutoring experience, PhD council work, and voluntary chairman activity for student underwater rugby. Offering research level expertise in operator algebras and extended knowledge in analytic number theory and stochastic processes. With the ability of analytical problem-solving and ongoing wide-spread academic curiosity. Equipped both with professional computer software skills and fluent language skills in German, English, and Swedish.

## Professional Experience

10/2017 – ongoing **Academic Tutor**

- Hosting exercise classes, replacing lectures, and correcting both exercise sheets and exams in German, English, and Swedish
- Assisted lectures: “Mathematics for Geologists”, “Analysis II”, “Mathematics for Physicists I/II”, “Algebra III”, “Spatial Stochastics I”, “Non-linear Optimisation”, “Fourier Analysis”, “Complex Analysis”, “Linear Algebra”

## Academic Background

08/2021 – ongoing **PhD studies in Mathematics**  
Göteborgs Universitet and Chalmers Tekniska Högskola, Göteborg in Sweden

08/2021 – 09/2023 **Licentiate in Mathematics**  
Göteborgs Universitet and Chalmers Tekniska Högskola, Göteborg in Sweden

- Thesis “*Embeddings of  $L^p$ -operator algebras*” supervised by Prof. Eusebio Gardella

10/2019 – 07/2021 **Master of Science in Mathematics**  
Georg-August-Universität, Göttingen in Germany

- Theoretical Physics as a secondary subject
- Research level education in non-commutative geometry, analytic number theory, and stochastics
- Thesis “*Leavitt path algebras as Cohn localisations and their Hochschild homology*” supervised by Prof. Ralf Meyer

10/2016 – 09/2019 **Bachelor of Science in Mathematics**  
Georg-August-Universität, Göttingen in Germany

- Thesis “*Chebotarev's density theorem*” supervised by Prof. Valentin Blomer

## Education

08/2008 – 06/2016 **General Higher Qualification for University Entrance**  
Gymnasium Langenhagen, Langenhagen in Germany

## Continuing Training

### Conferences and talks:

11/2023	SMS årsmöte (contributed talk), Lund
08/2023	YMC*A conference, Leuven
07/2023	IMAC "Abstract Harmonic Analysis" (contributed talk), Castellón
05/2023	"Embeddings of $L^p$ operator algebras" (contributed talk), Trondheim
11/2022, 03/2023	Miniworkshop "Non-commutativity in the North" (contributed talks), Göteborg, Stockholm
09/2022	Workshop on Cuntz Semigroups, Kiel
08/2022	YMC*A conference, Oslo
08/2022	Workshop on $C^*$ -dynamics and Set Theory, Paris
07/2022	Summer school on $C^*$ -dynamics and Set Theory, Paris
03/2022	"Non-commutativity in the North", Göteborg
08/2021	YMC*A (contributed talk), Münster
12/2020	Oberseminar (contributed talk), Göttingen

### Studienstiftung des deutschen Volkes:

04/2021	Italian course (A1), Scudit Scuola d'Italiano, Rome
03/2020	Spring Academy on "Artificial Intelligence", Springe
09/2019 – 09/2021	Scientific College on "Observing the Universe", Köln, Springe
08/2019	Summer Academy on "Game Theory", Ftan
02/2019 – 03/2019	English course (C1), Hilderstone College, Broadstairs
09/2018	Summer Academy on "Fundamental Laws of Theoretical Physics", Greifswald
09/2017 – 03/2019	Scientific College on "Mathematics, Architecture and Design", Köln, Weimar, Heidelberg, London, Springe
08/2017	Summer Academy on "Ball Spaces", Ftan

### Deutsche Schülerakademie:

07/2015 – 08/2015	Summer Academy on "History of Cabaret", Roßleben
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## Additional Skills and Qualification

Languages	German (native), English (C1+), Swedish (B2), Spanish (B1), Latin, Italian
Computer skills	Microsoft Office (Word, Excel, PowerPoint, Outlook) LaTeX, GitLab, RStudio

## References

Prof. Eusebio Gardella	Göteborgs Universitet, Professor in Mathematics gardella@chalmers.se, +46 31772 3582
Prof. Ralf Meyer	Georg-August-Universität Göttingen, Professor in Mathematics ralf.meyer@mathematik.uni-goettingen.de, +49 551 39 27774
Prof. Jörg Brüderer	Georg-August-Universität Göttingen, Professor in Mathematics joerg.brueder@mathematik.uni-goettingen.de, +49 551 39 24532