

# Carl Felix Waller

Département de mathématiques et de statistique  
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## Education

- 2024 - present** PhD in Mathematics at the Université de Montréal, Canada
- 2022 - 2024** PhD in Mathematics at Simon Fraser University, Canada
- 2019 - 2021** Master in Mathematics at ETH Zurich, Switzerland  
Thesis on Formality of  $A_\infty$ -algebras - GPA 5.28
- 2016 - 2019** Bachelor in Mathematics at ETH Zurich, Switzerland  
Thesis on Gauge Theory and Integrability - GPA 4.73
- 2013 - 2016** Bachelor in Physics at ETH Zurich, Switzerland  
Thesis on Quantum Dynamical Semigroups and Complete Positivity - GPA 4.72

## Work Experience

- 2022 - 2023** Department of Mathematics, Simon Fraser University, Canada  
*Teaching Assistant*
- Calculus Workshop and Algebra Workshop. As Teaching Assistant I was supporting students in the workshop, grading assignments and exams.
- 2016 - 2017** Department of Mathematics, ETH Zurich, Switzerland  
*Teaching Assistant*
- For the courses: “Mathematical Thinking I” (Feb 2016 - Jun 2016), “Mathematical Thinking II” (Sep 2016 - Dec 2016), “Complex Analysis” (Feb 2017 - Jun 2017). As Teaching Assistant I was holding weekly tutorials and correcting assignments.

## Publications: preprints/submitted

- Carl Felix Waller. *Formality of  $A_\infty$ -Algebras*. 2021. arXiv: 2107.03195 [math.RA]

## Talks

- Spring 2021** Junior Symplectic Geometry Seminar on  $A_\infty$ -algebras and immersed Floer homology
- Spring 2023** Graduate NTAG Seminar on  $A_\infty$ -algebras

## Skills

- Working knowledge of Latex and Python, basic knowledge of C++, HTML and Fortran
- Mother tongue German, fluent in English, and intermediate French

## Interests

- Long distance running (placed 37<sup>th</sup> in the Hella half marathon 2021)
- Pool and open water swimming, classical piano