

# Curriculum Vitae

## Jethro Warnett

---

Mathematical Institute, University of Oxford  
email: warnett@maths.ox.ac.uk  
official website: <https://people.maths.ox.ac.uk/warnett/>  
Native Speaker in English and German

## Career Summary

### Research experience

- 09.2023 - Mathematical Institute, University of Oxford, PhD studies with José A. Carrillo and Andrea Mondino
- 09.2019 - 05.2021 Computer Graphics Group, University of Bern, Research Assistant of David Bommès

### Education

- 09.2023 - Mathematical Institute, University of Oxford, PhD studies with José A. Carrillo and Andrea Mondino
- 09.2021 - 12.2022 MSc in Mathematics, Swiss Federal Institute of Technology in Zürich, Graduated with Distinction
- 09.2018 - 03.2021 BSc in Mathematics, University of Bern, Summa Cum Laude

## Publications

### Published/Accepted Articles

1. Martin Heistermann, Jethro Warnett, and David Bommès. "Min-Deviation-Flow in Bi-directed Graphs for T-Mesh Quantization". ACM Trans. Graph. 42, 4, Article 70 (2023), 25 pages. <https://doi.org/10.1145/3592437>

### Preprints

1. José A. Carrillo, Jakub Skrzeczkowski, and Jethro Warnett. "Stein-log-Sobolev inequality and the exponential rate of convergence for the continuous Stein variational gradient descent method". In: arXiv e-prints, arXiv:2412.10295 (2024)

# Honors, awards, prizes

09/2024	Stipendiary Lectureship at St. Hilda's College (University of Oxford)
09/2024	EPSRC Scholarship worth 46'000£
07/2023	Nominated for best paper at SIGGRAPH 2023
05/2023	VMP - Best Teaching Assistant Award

# Teaching experience

## St. Hilda's College (University of Oxford)

I was a stipendiary lecturer employed at St. Hilda's college for one year.

TT24/25	Revision Classes
HT24	Numerical Analysis
HT24	Integration
MT23/24	Metric Spaces and Complex Analysis

## Mathematical Institute, University of Oxford

I was a teaching assistant for one course.

MT23/24	Functional Analysis I
---------	-----------------------

## Swiss Federal Institute of Technology in Zürich

I was a teaching assistant for several courses. I won the best TA award for my efforts.

FS23	Analysis IV (Fourier Theory and Hilbert Spaces)
HS22	Analysis I
FS22	Analysis II
HS21	Analysis I: eine Variable

University of Bern

I was a teaching assistant for several courses.

FS21                      Analysis II

HS20                      Algebra

FS20                      Analysis II

HS19                      Analysis I