Julia Münch
Curriculum Vitae

Department of Mathematical Sciences
Brownlow Hill, L69 7ZX, Liverpool, UK
✉ *julia.munch@liverpool.ac.uk*
🌐 *julia-muench.github.io*

Education

2022–present	**PhD in Mathematics**, *University of Liverpool*, Supervised by Daniel Meyer
2020–2022	**Master of Mathematics**, *University of Bern*, Master thesis supervised by Stefan Wenger
2016–2020	**Bachelor of Mathematics**, *University of Bern*

Preprints

1. with Daniel Meyer: Extending rational expanding Thurston maps, preview `https://arxiv.org/abs/2510.18015`

Scientific Talks

08/2025	DKO Workshop and Summer School on Transcendental Thurston Theory, *University of Manchester*
11/2024	Holomorphic Dynamics Scheme 3 Meeting, *The Open University*
11/2024	Geometry Seminar, *EPFL, Lausanne*
09/2024	One Day Function Theory Meeting, *UCL, London*
11/2023	DAGGER Seminar, *University of Warwick*
06/2023	Topics in Complex Dynamics, *University of Barcelona*
06/2023	AIMS-UoL joint Postgraduate Conference, *University of Liverpool*

Attended Conferences and Workshops

06/2025	JHH80: Dynamical Developments: Degenerations of Flat Surfaces and Rational Maps, *Université de Toulouse*
06/2025	Curves, Trees and Surfaces, *TU Berlin*
05/2025	Degeneration Techniques for Rational Maps, *University of Warwick*
07/2024	Classical Function Theory in Modern Mathematics, *ICMS Edinburgh*
05/2024	Parameter spaces in Complex Dynamics, *CRM Pisa*
08/2023	Quasiworld Workshop, *University of Helsinki*
07/2023	Fractal Geometry, *ICMS Edinburgh*
06/2023	Topics in Complex Dynamics, *University of Barcelona*
06/2023	AIMS-UoL joint Postgraduate Conference, *University of Liverpool*
04/2023	Fribourg MAPS, *University of Fribourg, Switzerland*
06/2022	Young Women in Geometric Analysis, *Bonn*

Organisation of Events and Seminars

09/2025	One Day Function Theory Meeting: Co-organised with Daniel Meyer, a traditional one-day conference, funded by the London Mathematical Society.
Autumn 2023- Spring 2024	LivIn Maths: Co-founded and co-organised a weekly seminar for PhD students in the University of Liverpool with talks by local PhD students.

Teaching

2023– present	Teaching assistant, *University of Liverpool*, for Complex Dynamics and Differential Geometry of Curves and Surfaces
2019–2022	Teaching assistant, *University of Bern*, for real Analysis, Fourier Analysis and Measure Theory as well as Differential Geometry of Curves and Surfaces

Outreach Activity

05/2023	Maths Club Liverpool: Tought a one hour interactive lesson with exercises about four-dimensional polytopes with emphasis on the work of Alicia Boole Stott for advanced high school students.

References

Upon request