Lucas Mann

Employment

University of Münster — **Münster, Germany**
Akademischer Rat auf Zeit (Postdoc) — *Jul 2022–present*

University of Bonn — **Bonn, Germany**
Research Associate — *Mar 2019–Jun 2022*

Education

University of Bonn — **Bonn, Germany**
Ph.D. in Mathematics, Grade: 0.0 (summa cum laude) — *Mar 2019–Jun 2022*
Advisor: Peter Scholze

Humboldt University — **Berlin, Germany**
M. Sc. in Mathematics, Grade: 1.0 — *Aug 2016–Dec 2018*

Humboldt University — **Berlin, Germany**
B. Sc. in Computer Science, Grade: 1.0 — *Oct 2013–Oct 2017*

Humboldt University — **Berlin, Germany**
B. Sc. in Mathematics, Grade: 1.0 — *Oct 2013–Aug 2016*

Heinrich-Hertz High School — **Berlin, Germany**
Abitur, Grade: 1.0 — *2006–2013*

Curricular Activities

Research Talks

Chicago Research Seminar — **Chicago, USA**
6-Functor Formalisms in p-adic Geometry (3 Talks) — *Mar 2024*

Strasbourg Research Seminar — **Strasbourg, France**
Six Functors for $\mathbb{Q}_p$-Sheaves in Rigid Geometry — *Feb 2024*

Singapore Research Seminar — **Singapore**
p-adic Representations via 6-Functor Formalisms — *Dec 2023*

Workshop on p-adic Arithmetic Geometry — **Princeton, USA**
Quasi-coherent sheaves on the relative Fargues-Fontaine curve — *Nov 2023*

Workshop on Condensed Mathematics — **Haramura, Japan**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *Sep 2023*

Münster Research Seminar — **Münster, Germany**
Representation Theory via 6-Functor Formalisms — *Jun 2023*

Arbeitstagung on Condensed Mathematics — **Bonn, Germany**
Quasicoherent Sheaves on Perfectoid Spaces — *Jun 2023*

Conference on Local Langlands — **Bonn, Germany**
Representation Theory via 6-Functor Formalisms — *Jun 2023*

Mainz Research Seminar — **Mainz, Germany**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *Apr 2023*

Zürich Research Seminar — **Zürich, Switzerland**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *Apr 2023*

CIRM Workshop — **Luminy, France**
6-Functor Formalisms — *Mar 2023*

Heidelberg Spring School — **Heidelberg, Germany**
Solid Quasicoherent Sheaves on Adic Spaces — *Mar 2023*

Oberwolfach Workshop — **Oberwolfach, Germany**
p-Adic Sheaves on Classifying Stacks and the p-Adic JL Correspondence — *Feb 2023*

Paris Research Seminar — **Paris, France**
p-Adic Sheaves on Classifying Stacks and the p-Adic JL Correspondence — *Jan 2023*

Wuppertal Research Seminar — **Wuppertal, Germany**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *Dec 2022*

Milan Research Seminar — **Milan, Italy**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *Dec 2022*

Darmstadt Research Seminar — **Darmstadt, Germany**
Solid Quasicoherent Sheaves on Discrete Adic Spaces — *Jul 2022*

Essen Research Seminar — **Essen, Germany**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *Jul 2022*

Simons Symposium — **Gleneagles, UK**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *May 2022*

Stockholm Conference — **Stockholm, Sweden**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *May 2022*

Oberwolfach Workshop — **Oberwolfach, Germany**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry — *Feb 2022*

Paris Research Seminar — **Paris, France**
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry (3 talks) — *Jan 2022*

Münster Research Seminar — **Münster, Germany**
p-Adic Six Functors in Rigid-Analytic Geometry (2 talks) — *Oct 2021*

RAMpAGe Seminar — **Online**
p-Adic Six Functors on Diamonds — *Feb 2021*

Bonn Research Seminar — **Bonn, Germany**
p-Adic Six Functors on Diamonds (2 talks) — *Feb 2021*

Teaching

Lecture on Commutative Algebra — **Münster, Germany**
Assistant — *Winter 2023/24*

Lecture on Linear Algebra II — **Münster, Germany**
Assistant — *Summer 2023*

Seminar on Condensed Mathematics — **Münster, Germany**
Organizer — *Winter 2022/23*

Lecture on Linear Algebra I — **Münster, Germany**
Assistant — *Winter 2022/23*

Lecture on Abelian Varieties — **Bonn, Germany**
Tutor; involved in problem design — *Summer 2021*

Lecture on Algebraic Number Theory — **Bonn, Germany**
Tutor — *Winter 2020/21*

Other

CRC Funding Proposal — **Münster, Germany**
Assistant (*creating and maintaining LaTeX templates*) — *2023–2024*

Extracurricular Activities

International Mathematics Competition — **Bonn, Germany**
Mentor for the team from Bonn; involved in grading — *Aug 2020*

PROMYS and PROMYS Europe — **Boston, USA and Oxford, UK**
Student Participant, Counsellor, Head Counsellor — *Jul 2013, 2014, . . . , 2018*
PROMYS is an intense six-week mathematical summer school which introduces high school students to mathematical research, the main topic being number theory. I first participated as a student, then returned as a counsellor (supervisor for the students) and then returned several times as the Head Counsellor in the newly emerging European version of the summer school, which I helped to build and shape.

Mathematical Student Society — **Berlin, Germany**
Conducted a weekly seminar for 7th, 8th, 9th and 10th grade students. — *Sep 2014–Dec 2018*

Berlin Mathematical Olympiad — **Berlin, Germany**
Conducted seminars on various topics; involved in grading and problem design. — *2013–present*

Awards and Honours

University of Bonn — **Bonn, Germany**
Hausdorff Memorial Award for the best dissertation in 2021/2022 — *Jan 2023*

Berlin Mathematical Society — **Berlin, Germany**
Bachelorpreis 2017 — *Nov 2017*

Bundeswettbewerb Mathematik — **Germany**
Bundessieger — *Feb 2013*

Scholarships

Studienstiftung des deutschen Volkes — **Germany**
300€ per month — *2013–2018*