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

Workshop on Analytic de Rham Stacks	**Warsaw, Poland**
Abstract 6-Functor Formalisms	*Dec 2024*
AIM-Workshop on Chromatic Homotopy Theory and p-Adic Geometry	**L.A., USA**
Pro-Étale Cohomology	*Dec 2024*
Workshop on p-Adic Geometry	**Singapore**
6-Functor Formalisms in Categorical Local Langlands (4 Talks)	*Nov 2024*
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
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Haramura, Japan
Sep 2023

Münster Research Seminar
Representation Theory via 6-Functor Formalisms

Münster, Germany
Jun 2023

Arbeitstagung on Condensed Mathematics
Quasicoherent Sheaves on Perfectoid Spaces

Bonn, Germany
Jun 2023

Conference on Local Langlands
Representation Theory via 6-Functor Formalisms

Bonn, Germany
Jun 2023

Mainz Research Seminar
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Mainz, Germany
Apr 2023

Zürich Research Seminar
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Zürich, Switzerland
Apr 2023

CIRM Workshop
6-Functor Formalisms

Luminy, France
Mar 2023

Heidelberg Spring School
Solid Quasicoherent Sheaves on Adic Spaces

Heidelberg, Germany
Mar 2023

Oberwolfach Workshop
p-Adic Sheaves on Classifying Stacks and the p-Adic JL Correspondence

Oberwolfach, Germany
Feb 2023

Paris Research Seminar
p-Adic Sheaves on Classifying Stacks and the p-Adic JL Correspondence

Paris, France
Jan 2023

Wuppertal Research Seminar
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Wuppertal, Germany
Dec 2022

Milan Research Seminar
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Milan, Italy
Dec 2022

Darmstadt Research Seminar
Solid Quasicoherent Sheaves on Discrete Adic Spaces

Darmstadt, Germany
Jul 2022

Essen Research Seminar
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Essen, Germany
Jul 2022

Simons Symposium
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Gleneagles, UK
May 2022

Stockholm Conference
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Stockholm, Sweden
May 2022

Oberwolfach Workshop
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry

Oberwolfach, Germany
Feb 2022

Paris Research Seminar
A p-Adic 6-Functor Formalism in Rigid-Analytic Geometry (*3 talks*)

Paris, France
Jan 2022

Münster Research Seminar
p-Adic Six Functors in Rigid-Analytic Geometry (*2 talks*)

Münster, Germany
Oct 2021

RAMpAGe Seminar
p-Adic Six Functors on Diamonds

Online
Feb 2021

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

Teaching

Seminar on p-Adic Simpson and the Connection to Sen Theory   **Münster, Germany**
Co-Organizer   *Winter 2024/25*

Lecture on Representations of Finite Groups   **Münster, Germany**
Assistant   *Winter 2024/25*

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*