

CONTACT INFORMATION	Max Planck Institute for Mathematics Vivatgasse 7 53111 Bonn Germany robin.bartlett.math@gmail.com https://http://guests.mpim-bonn.mpg.de/robinbartlett18/
RESEARCH INTERESTS	Algebraic number theory, in particular questions relating to p -adic Galois representations and integral p -adic Hodge theory.
EMPLOYMENT	Max Planck Institute for Mathematics (Bonn) Postdoctoral researcher, 2018-2020
EDUCATION	Kings College London (London School of Geometry and Number Theory) Ph.D. in Mathematics, 2014-2018 <ul style="list-style-type: none">Supervised by Fred Diamond. University of Warwick MMath 2010-2014 <ul style="list-style-type: none">Awarded first class degree.
PAPERS	<ul style="list-style-type: none">Explicit Serre weights for GL_2, in preparation, joint with Misja SteinmetzOn the irreducible components of some crystalline deformation rings, arXiv:1904.12548, 2019 (Submitted)Potentially diagonalisable crystalline lifts with controlled Hodge–Tate weights, arXiv:1812.02042, 2018 (Submitted)Inertial and Hodge–Tate weights of crystalline representation, arXiv:1811.10260, 2018 (Accepted for publication in Mathematische Annalen)
INVITED CONFERENCE TALKS	<ul style="list-style-type: none">Banff International Research Station, Modularity and Moduli Spaces, CMO Oaxaca (Oct. 2019)
SEMINAR TALKS	<ul style="list-style-type: none">Essen Arithmetic Geometry Research Seminar (Apr. 2019)Max Planck Institute for Mathematics Number Theory Seminar (Apr. 2019)Max Planck Institute for Mathematics Oberseminar (Nov. 2018)University of Purdue Automorphic Forms and Representation Theory Seminar (May 2018)University of Chicago Number Theory Seminar (May 2018)Junior London Number Theory seminar (Jan. 2018)Junior London Number Theory seminar (Oct. 2016)London Number Theory Study groups (2015 - 2018, at least one talk a term)
AWARDS	2016 Awarded funding by King’s College London Global research grant to support a visit to the University of Chicago. Value: GBP 2000.

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| 2013 | Awarded funding from the University of Warwick for a summer research project supervised by Damiano Testa. Project Title: Galois conjugate polynomials. Value: GBP 1000. |
| 2012 | Awarded funding from the University of Warwick for a summer research project supervised by Daan Krammer. Project Title: The Braid group of \mathbb{Z}^n . Value: GBP 1000. |

TEACHING
EXPERIENCE

King's College London

Teaching Assistant (2016-2018)

- Ran tutorials for classes of 10-20 first and second year undergraduates (Elementary Number Theory, Linear Methods, Geometry, Curves and Surfaces, Introduction to abstract algebra).

University of Warwick

First year tutor (2013-2014)

- Tutored a group of 5 first year mathematics students over the course of a year. Graded their assignments for analysis, linear algebra, number theory and abstract algebra courses.

King's College London Mathematics School

Class tutor (2017-2018)

- Taught two groups of 16-17 year old students mathematical problem solving classes.

OTHER

- Invited to visit University of Chicago by Professor Frank Calegari (April - June 2018)
- Jointly founded and organised the London Junior Number Theory seminar (2016-2017)

CONFERENCES
ATTENDED

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| Fall | 2015 | Motives and Automorphic Forms (Clay research conference), Oxford |
| Spring | 2016 | Recent developments in integral p -adic cohomology theories, Bonn |
| Spring | 2016 | Recent trends in p -adic Cohomology, London |
| Summer | 2016 | Fundamental groups in arithmetic geometry, Paris |
| Summer | 2016 | London-Paris Number Theory Seminar on p -adic groups and arithmetic geometry, Paris |
| Fall | 2016 | Automorphic Forms: theory and computation, London |
| Fall | 2016 | London-Paris Number Theory Seminar on perfectoid spaces, Paris |
| Winter | 2017 | p -adic methods for modular forms and Galois representations, Barcelona |
| Spring | 2017 | Arizona Winter School on perfectoid spaces, Arizona |
| Summer | 2017 | London-Paris Number Theory Seminar on the trace formula, automorphic forms, and arithmetic manifolds, London |
| Summer | 2017 | Journées Arithmétiques 2017, Caen |
| Summer | 2017 | BICRM p -adic Hodge theory and automorphic forms, Beijing |
| Spring | 2018 | Arizona Winter School on Iwasawa theory, Arizona |
| Summer | 2018 | A celebration of Barry Mazur, Cambridge MA |

Summer	2018	Geometerisation of the Langlands program, Lyon
Summer	2018	Workshop on Galois representations, Heidelberg
Fall	2018	Conference on Arithmetic Algebraic Geometry, Bonn
Spring	2019	p -adic Langlands correspondence and Iwasawa theory, Lille
Spring	2019	The p -adic Langlands programme and related topics, London
Summer	2019	The geometry and arithmetic of algebraic varieties, Bonn
Summer	2019	Arithmetic geometry in Carthage, Tunisia
Fall	2019	The Emerton–Gee stacks and related topics, Bonn

LANGUAGES	English (native), French (reading), German (beginner).
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