

Academic Curriculum Vitae

Annette Huber-Klawitter

Field of Research.

Annette Huber-Klawitter works in arithmetic geometry, a subfield of pure mathematics. Her guiding interests are motives, special values of L -functions and periods.

Education.

- 1999 Habilitation, Westf. Wilhelms-Universität Münster
- 1994 Dr. rer. nat., Westf. Wilhelms-Universität Münster. Thesis advisor: Christopher Deninger
- 1990 Diploma in Mathematics, Westf. Wilhelms-Universität Münster. Advisor: Christopher Deninger
- 1986–1991 Undergraduate Study of Mathematics and Physics, Frankfurt (Main), Cambridge, Münster

Academic Employment

- since 2008 Full Professor, Chair of Number Theory (W3), Albert-Ludwigs-Universität Freiburg
- 2000–2008 Full Professor, Chair of Theoretical Mathematics (C4), University of Leipzig
- 1995/96 Postdoctoral Fellow (DFG), University of California at Berkeley
- 1991–2000 Researcher (wiss. Mitarbeiterin), then Scientific Assistent, WWW Münster

Fellowships and Honours

- 2024 Member of the Heidelberger Akademie der Wissenschaften
- 2017/18 Internal Fellow at FRIAS
- 2015 Plenary Speaker at the AMS-EMS-SPM International Meeting in Porto
- 2012 Fellow of the American Mathematical Society
- 2008 Member of the Deutschen Akademie der Naturforscher Leopoldina
- 02/2005 Guest Professor, Université Paris VII, Jussieu
- 03/2002 Guest Professor, Université Paris XI, Orsay
- 2002 Invited talk at ICM Beijing in the Number Theory Section
- 1996 Price of the European Mathematical Society at ECM in Budapest

- 1995 Heinz-Maier-Leibnitz-Förderpreis of the Federal Minister for Education, Science, Research and Technology
- 1984–1990 Scholarship, Studienstiftung des Deutschen Volkes, *German National Academic Foundation*
- 1984, 85, 86 Bundessieg Bundeswettbewerb Mathematik (Federal Mathematics Competition)

Editorial and other professional services

- since 2023 Selection committee for the Heinz Maier-Leibnitz-Preis of DFG
- since 2022 Associate Editor *Annals of K-Theory*
- since 2021 Member and Cochair of the Scientific Advisory Board of the Oberwolfach Research Institute for Mathematics
- since 2020 Chair of the EMS/EWM Scientific Panel for Women in Mathematics
- since 2020 Vice-Senator of the Sektion Mathematik of the Deutsche Akademie der Naturforscher Leopoldina, Halle.
- since 2020 Member of the Scientific Advisory Board of the Max-Planck-Institute for Mathematics, Bonn.
- since 2020 Advisory Editor Springer Lecture Notes in Mathematics
- since 2019 Auditory Committee K-Theory Foundation
- since 2019 Advisory Editor of Springer Lecture Notes in Mathematics
- 2018 Member of Prize Committee for the *K*-theory prize
- since 2018 Member of the *K*-theory foundation (publisher of *Annals of K-theory*)
- 2016-2021 Member of the Scientific Committee (wissenschaftl. Kommission) of the Society for Mathematical Research of the Oberwolfach Research Institute for Mathematics
- since 2013 Associate Editor “EMS Surveys in Mathematical Sciences”
- 2005-2024 Associate Editor of “International Journal of Number Theory”
- 2001–2006 Editor of “Journal of Number Theory”
- 2006-2022 Coorganizer of the Oberwolfach Conference on “Algebraic *K*-theory and motivic cohomology”

Ph.D. students

1. Luca Terenzi, Universität Freiburg, 2023.
On the Six Functor Formalism for Nori motivic sheaves
2. Nicola Nesa, Universität Freiburg, 2022.
On linear spaces of periods, extensions, matrix coefficients and deficiency
3. Elmiro Vetere, Universität Freiburg, 2018.

Cohomological descent for logarithmic differential forms in the log étale topology
joint supervision with Stefan Kebekus.

4. Maximilian Schmidtke, Universität Freiburg, 2018.
On the Motivic Tamagawa Number of Number Fields
5. Daniel Harrer, Albert-Ludwigs-Universität Freiburg, 2016.
Comparison of Voevodsky's and Nori's motives
6. Stephen Enright-Ward, Albert-Ludwigs-Universität Freiburg, 2012.
Motives of semi-abelian varieties
7. Sabine Lechner, Albert-Ludwigs-Universität Freiburg, 2011.
A comparison of locally analytic group cohomology and Lie algebra cohomology for p -adic Lie groups
8. Jakob Scholbach, Albert-Ludwigs-Universität Freiburg, 2010.
Special L -values of Motives
9. Malte Witte, University of Leipzig, 2008.
Non-Commutative Iwasawa Main Conjectures for Varieties over Finite Fields
10. Hilke Reiter, University of Leipzig, 2007.
On Functoriality of Homological Mirror Symmetry of Elliptic Curves
joint supervision with Matthias Schwarz.
11. Matthias Wendt, University of Leipzig, 2007.
On Fibre Sequences in Motivic Homotopy Theory
12. Shahram Biglari, University of Leipzig, 2005.
Motives of Reductive Groups

Habilitation

1. Oliver Bräunling, Universität Freiburg, 2019.
2. Fritz Hörmann, *Derivator six-functor-formalisms*, Universität Freiburg, 2018.
3. Sascha Orlik, *The Cohomology of Non-Archimedean Period Domains with regard to the Local Langlands Correspondence*, University of Leipzig 2007.

Selected grants since 2010

1. since 2019, postdoc position for Dr. Brad Drew, DFG HU 512/11-2 as part of SPP 1786 "Homotopy theory and algebraic geometry"
2. 2015–2018, postdoc position for Dr. Shane Kelly, then Dr. Brad Drew, DFG HU 512/11-1 as part of SPP 1786 "Homotopy theory and algebraic geometry"
3. since 2012, Director of DFG GRK 1821 "Cohomological Methods in Geometry"
4. 2005–2011, Vice Spokesperson and principal investigator DFG-Research Unit 570 "Algebraic Cycles and L -Functions" Regensburg/Freiburg.