

Valentin Blomer

Academic career

2002	PhD, University of Stuttgart
2005	Habilitation, University of Göttingen
2004-2005	Juniorprofessor (W1), University of Göttingen
2005-2009	Assistant Professor (tenure-track), University of Toronto
2009-2019	Professor (W3), University of Göttingen
Since 2019	Professor (W3), University of Bonn

Honours

2005	Heinz Maier-Leibnitz Preis
2008	Sloan Research Fellowship
2009	André Aisenstadt Prize (Centre de Recherches Mathématiques)
2009	Lichtenberg Professorship (Volkswagen Foundation)
2010	Ribenboim Prize (Canadian Number Theory Association)
2010	ERC Starting Grant
2015	Von Neumann fellowship (Institute for Advanced Study)
2019	Elected member of the Academia Europaea

Invited Lectures

2021	Gauß lecture
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Research Projects and Activities

Volkswagen Lichtenberg Professorship (2009-2014)
ERC Starting Grant (2010-2015)
Oberwolfach workshops on Automorphic Forms (2011, 2017, 2020)
HIM trimester program Harmonic Analysis and Analytic Number Theory (2021)

Editorships

Since 2014: International Mathematics Research Notices
Since 2014: Mathematische Nachrichten
2015 - 2019: Research in Number Theory
Since 2019: Journal of the Institute of Mathematics of Jussieu
Since 2019: Forum Mathematicum

Number Theory, in particular

- analytic number theory
- automorphic forms, trace formulae, and L-functions
- quadratic forms
- rational points on algebraic varieties

Selected PhD students

Marc Palm (2012): Explicit $GL(2)$ trace formulas and uniform mixed Weyl laws
Christopher Ambrose (2014): On Artin's primitive root conjecture
Deniz Balakci (2015): Fourier expansions of $GL(3)$ Eisenstein series for congruence subgroups
Alexander Dahl (2015): Subconvexity for a twisted double Dirichlet series and non-vanishing of L- functions
Berke Topacogullari (2016): The shifted convolution of generalized divisor functions
Christoph Häußner (2018): An extended large sieve for Maaß cusp forms
Fabian Waibel (2020): Arithmetic and analytic aspects of Siegel modular forms

Selected publications