

Universität Duisburg-Essen • 45117 Essen

Prof. Dr. Jan Kohlhaase
Fakultät für Mathematik
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Fakultät für Mathematik

University of Duisburg-Essen Department of Mathematics PhD Scholarship "Arithmetic Geometry"

The Department of Mathematics at the University of Duisburg-Essen offers a 3-year-scholarship for a PhD project to be conducted under the supervision of Prof. Dr. Jan Kohlhaase. Possible research topics include the representation theory of p -adic Lie groups, moduli spaces of p -divisible groups, p -adic Galois representations and the p -adic Langlands program.

Applicants are supposed to have completed or to be about to complete a master's program in mathematics with a strong focus on algebra, number theory or algebraic geometry.

Your application has to include a CV, transcripts of records, a short letter of motivation, a list of advanced math courses you attended, a copy of your master's thesis and a letter of recommendation from a permanent faculty member (preferably the advisor of your master's thesis). Please send your documents as pdf-files to

jan.kohlhaase@uni-due.de

The Department of Mathematics at the University of Duisburg-Essen hosts one of the largest groups of researchers in algebraic and arithmetic geometry in Germany. Currently, there is a group of about 25 PhD students and postdocs. We regularly offer a wide variety of advanced courses and seminars. For further information please consult the following web sites:

<http://www.esaga.uni-due.de/>
<http://www.esaga.uni-due.de/jan.kohlhaase>

Excellent students are invited to apply before March 31, 2018. We would particularly like to encourage female students to apply.

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