



# Simon Kapfer

## Curriculum vitae

### Personal information

Nationality **German.**  
Date of birth **2 September 1988**, Lauingen a. d. Donau.  
Marital status **Single.**

### Formation

October 2013 – **PhD in Mathematics**, Augsburg University, University of Poitiers, Subject of  
Spring 2016 PhD thesis: Automorphisms of irreducible holomorphic symplectic manifolds.  
October 2010 – **M. Sc. in Mathematics**, Augsburg University, Subject of master thesis: Berech-  
December 2012 nungen im Kohomologieren der Hilbertschemata von Punkten auf Flächen,  
Subsidiary subject: Physics.  
October 2007 – **B. Sc. in Mathematics**, Augsburg University, Subject of bachelor thesis: Die  
September 2010 Nullhomotopie der 720-Grad-Drehung, Subsidiary subject: Physics.

### Conferences and Workshops

June 2015 **Géométrie Algébrique en Liberté XXIII**, Leuven, Belgium.  
February 2015 **Workshop on geometry and arithmetic of hyperkähler manifolds**, Han-  
nover, Germany.  
November 2014 **GAGC**, Luminy, France.  
June 2014 **Géométrie Algébrique en Liberté XXII**, Trieste, Italy, Talk: Integer cohomol-  
ogy of compact Hyperkähler manifolds.  
February 2014 **Winter School: Higher Structures in Algebraic Analysis**, Padova, Italy.  
December 2013 **Andrejewski Day: Random Partitions in Mathematics and Physics**, Augs-  
burg, Germany.  
October 2013 **Master class: Around Torelli's theorem for K3 surfaces**, Strasbourg, France.  
September 2013 **Autumn School: Rational curves on algebraic varieties**, Poitiers, France,  
Talk: Parametrizing morphisms with extra structures.

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## Teaching

- Winter 2015 **Lectures on Algebraic Geometry (on interim basis).**  
2009 – 2016 **Tutorials for various math lectures (regularly), including Calculus, ODEs, Functional analysis, Algebraic Geometry.**

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## Other professional experience

- April 2013 – **CAD software development, Compositence GmbH, Leonberg, Germany.**  
August 2013  
February 2011 – **Simulation "Crowd Control", Siemens AG, Munich, Germany.**  
April 2011

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## Scholarships

- October 2014 – **DAAD Jahresstipendium, full scholarship, spent in Poitiers, France.**  
August 2015

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## Honorary positions

- Since 2013 **Direction of a "Matheschülerzirkel",** special offer of Augsburg University for pupils, interesting math not taught at school.  
<http://www.math.uni-augsburg.de/schueler/mathezirkel/>  
Since 2013 **Project "Best MINT",** special offer of Augsburg University for freshmen.  
2014 – 2015 **Séminaire des doctorants,** mathematical seminar organised by PhD students.  
2013 – 2014 **Pizzaseminar, talks and organisation,** mathematical seminar by volunteers.  
<http://pizzaseminar.speicherleck.de/>

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## Languages

- Spoken **English, French, German.**  
languages  
Programming **C++, Haskell, Java, Maple, R, VBA, Python.**  
languages

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## Hobbies

- Sports **Taekwondo, since 2012.**  
Music **Piano, since 2005.**  
**Violin, since 1998, School orchestra from 2000 to 2007.**