

Birthdate: November 21, 1977  
Birthplace: Husum, Germany  
Citizenship: German

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**Research interests** Algebraic and Arithmetic Geometry, Number Theory

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**Education**

PhD Mathematics with distinction, University of Hannover, June 2006;  
thesis “Hecke eigenforms and the arithmetic of singular K3 surfaces“  
advisor Prof. Dr. Klaus Hulek

Diplom Mathematics & Physics, University of Hannover, July 2003;  
diploma thesis: “The modularity of rigid Calabi-Yau threefolds“ (German)

Abitur Hermann-Tast-Schule, Husum, 1997

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**Positions**

since 7/2009 Juniorprofessor at the Institute for Algebraic Geometry,  
Leibniz University Hannover

9/2008 – 6/2009 Postdoc at the Mathematical Institute, University of Copenhagen

9/2006 – 8/2008 Postdoc at the Department of Mathematics, Harvard University

10/2003 – 8/2006 Teaching fellow, Mathematical Institute, University Hannover

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**Awards and Prizes**

2010 Niedersächsischer Wissenschaftspreis

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**Funding and Grants**

2011-2016 ERC Starting Grant for the project „Arithmetic of algebraic surfaces“

2012 Funding from DFG and Foundation COMPOSITIO to support the  
conference „Algebraic and Complex Geometry“ (Hannover, Sept 2012)

9/2006 – 8/2008 Research stipend from Deutsche Forschungsgemeinschaft  
for a two year-stay at Harvard University, Cambridge, MA, USA

## Selected Talks

1. „InterCity“-Number Theory Seminar, Rijksuniversiteit Groningen, December 2011
2. Universität Augsburg, December 2011
3. Goethe-Universität Frankfurt, November 2011
4. Konferenz “Moduli spaces and automorphic forms”, CIRM, Luminy, October 2011
5. Carl von Ossietzky Universität, Oldenburg, September 2011
6. Fields Institute, Toronto, August 2011
7. Institut für experimentelle Mathematik, Universität Duisburg-Essen, July 2011
8. Universität Ulm, July 2011
9. Ruprecht-Karls-Universität, Heidelberg, July 2011
10. Seminar Algebraic Geometry, MPI, Bonn, April 2011
11. Instytut Matematyki Uniwersytetu Jagiellońskiego, Krakau, Polen, March 2011
12. Oslo University, March 2011
13. Workshop “Lattices, Reflection groups & Algebraic Geometry”, Nagoya Univ., Nov 2010
14. TU Darmstadt, November 2010
15. Conference „Arithmetic of Algebraic surfaces“, Lorentz Center, Leiden, October 2010
16. Conference „Perspectives on Algebraic varieties“, Trento, September 2010
17. Dutch Mathematical Congress, Utrecht, April 2010
18. Workshop on „Algebraic Geometry in positive characteristic“, Tokyo, February 2010
19. Nagoya University, Nagoya, Japan, February 2010
20. NoGAGS, Freie Universität Berlin, Germany, November 2009
21. Kolloquium, Universität Hamburg, November 2009
22. Number Theory Seminar, Harvard University, Cambridge, MA, USA, September 2009
23. Workshop „K3, Enriques and special surfaces“, Rikkyo University, Tokyo, Sept. 2009
24. Algebraic Geometry Seminar, Tokyo University, September 2009
25. Heinrich-Heine-Universität, Düsseldorf, June 2009
26. AKLS Seminar on Modular Forms, Utrecht University, Netherlands, April 2009
27. Université Denis Diderot, Jussieu, Paris, January 2009
28. Workshop „Arithmetic of K3 surfaces“, BIRS, Banff, December 2008
29. Conference „Algebraic Geometry in East Asia“, KIAS, Seoul, November 2008
30. Conference „Algebraic Geometry in Positive Characteristics and Related Topics“, Nagoya University, Nagoya, Japan, November 2008
31. Hiroshima University, Hiroshima, Japan, October 2008
32. Humboldt-Universität Berlin, Germany, October 2008
33. Albert-Ludwigs-Universität, Freiburg, Germany, September 2008
34. Queen's University, Kingston, ON, Canada, March 2008
35. Courant-Research Center, Georg-August-Universität, Göttingen, January 2008
36. Algebraic Geometry Seminar, MIT, Cambridge, MA, USA, November 2007
37. Brandeis University, Waltham, MA, USA, October 2007
38. University of Texas, Austin, TX, USA, September 2007
39. Conference „Birational Automorphisms of Compact Complex Manifolds and Dynamical Systems“, Nagoya University, Nagoya, Japan, August 2007
40. Massachusetts University, Amherst, MA, USA, March 2007
41. Boston University, February 2007
42. Rheinische Friedrich-Wilhelms-Universität, Bonn, December 2006
43. CMS Winter 2006 Meeting, Session on „Calabi-Yau Varieties and Mirror Symmetry“, Toronto University, Toronto, Canada, December 2006
44. Rice University, Houston, TX, USA, November 2006
45. Algebraic Geometry Seminar, Harvard University, Cambridge, MA, USA, October 2006
46. Algebraic Geometry Seminar, Milano University, Italy, February 2006
47. AMS Summer Institute on Algebraic Geometry, University of Washington, August 2005
48. Johannes-Gutenberg-Universität Mainz, Germany, November 2004
49. Duke University, Durham, NC, USA, March 2004

## Teaching

### At Leibniz University Hannover:

Winter term 2011/12	Seminar Elliptic curves
Summer term 2011	Algebraic Topology
	Seminar Cryptography
Winter term 2010/11	Algebraic Geometry
Summer term 2010	Algebraic Surfaces
Winter term 2009/10	Algebraic Geometry

### At University of Copenhagen:

Spring 2009	Cryptography
	Algebraic Geometry

### At Harvard University:

Spring term 2008	Graduate course on elliptic surfaces
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### At University Hannover:

Summer term 2006	Problem classes for Mathematik für Ingenieure II
Winter term 2005/06	Problem classes for Linear Algebra I
Summer term 2005	Organisation of problem classes for Algebraic Geometry
Winter term 2004/05	Problem classes for Analysis I
Summer term 2004	Seminar on “The Geometry of Schemes“ with Prof. K. Hulek
Winter term 2003/04	Seminar on “Elliptic Curves“ with Prof. K. Hulek
Summer term 2003	Problem classes for Calculus B
Winter term 2002/03	Problem classes for Calculus A

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## Activities organised

- Workshop „Arithmetic of elliptic surfaces“ at Hausdorff Institute Bonn (March 2010)  
(with Cecília Salgado)
- Workshop „Elliptic fibrations and K3 surfaces“ at Humboldt-Universität Berlin (July 2010)  
(with Remke Kloosterman)
- Workshop „Arithmetic and Geometry of Calabi-Yau Varieties“ at the Fields Institute Toronto  
(August 2011; with Doran, Kondo, Laza, Lewis, Yui)
- Workshop on Singularities and Monodromy at Leibniz Universität Hannover  
(October 2011; with A. Frühbis-Krüger, M. Lönne)
- Conference „Algebraic and Complex Geometry“ at Leibniz Universität Hannover  
(September 2012; with A. Frühbis-Krüger, R. Kloosterman)

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## Memberships

DFG Research Training Group 1463 [Analysis, Geometry and String Theory](#)

## Scholarships and Stipends

- 1/2006 – 5/2006 Grant from the European MCRTN network  
“Arithmetic Algebraic Geometry“ for a five month-stay  
at the Department of Mathematics of Milano University, Italy
- 3/1999 – 7/2003 Scholarship from Studienstiftung des deutschen Volkes
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## Refereeing

Mathematische Annalen  
Mathematische Zeitschrift  
Proceedings LMS  
International Mathematical Research Notices  
Journal of Algebra  
Canadian Mathematical Bulletin  
Communications in Number Theory and Physics (a.o.)

Alexander von Humboldt-Stiftung  
Netherlands Organisation for Scientific Research

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## Students

PhD student Frithjof Schulze (since 10/2010)

Member of the PhD-committee for Bas Heijne at Groningen (2011)  
Niko Behrens at Hannover (2010)  
Titem Harrache at Jussieu (2009)

Third reader of the PhD-thesis of Sonal Jain at Harvard University (2007)

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## Current Address

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Leibniz Universität Hannover  
Welfengarten 1  
30167 Hannover  
Germany

## Email

[schuett@math.uni-hannover.de](mailto:schuett@math.uni-hannover.de)

## Homepage

<http://www.iag.uni-hannover.de/~schuett>

Hannover, October 31, 2011