

Curriculum vitae of Daniel Skodlerack

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Education

- 05/1997 University-entrance diploma “Abitur” received at secondary school “Stauffenberg Gymnasium” in Berlin
- 10/1997–12/2005 Diploma studies at Humboldt University Berlin in Mathematics (minor: Informatics) certificate: German diploma (1.2)
- 10/2001–06/2002 One academic year at Imperial College London, certificate: ICID international diploma
- 01/2006–09/2010 Ph.D. (defence 29.06.2010) supervisor Prof. E.-W. Zink, Humboldt University Berlin, Thesis: Embedding types and canonical affine maps between Bruhat-Tits buildings of classical groups

Memberships

- 01/2006–12/2008 Research training group “Arithmetic and Geometry” including two research stays in Zürich, one at ETH and Zürich University
- 01/2007–12/2008 Berlin Mathematical School in phase II

Work

- 09/1997–09/2005 Student assistant at Humboldt University for several years. The areas were algebra, number theory, statistics and probability theory. All with a high marking and teaching load, except for the statistics position which was a software project.
- 01/2009–03/2009 Casual position at the University of East Anglia
- 04/2009–09/2010 Scientific assistant at Humboldt University in the representation theory group of Prof. E.W. Zink
- 10/2010–03/2014 Research associate at University of Muenster in the geometric group theory group of Prof. L. Kramer.
- 04/2014–03/2015 Senior research associate at UEA Norwich in the representation theory group of Prof. Shaun Stevens.
- 04/2015–10/2015 Visiting researcher, voluntary appointment at UEA Norwich in the representation theory group of Prof. Shaun Stevens.
- 11/2015–10/2016 Research Associate at Imperial College London, line manager Dr. David Helm.
- 04/2017–09/2017 Junior professorship at Humboldt University Berlin.

Work, non-academic

- 10/2007–04/2008 Internship at the Federal State bank of Berlin for the maintenance and improvement of valuation algorithms in the financial library.

Teaching, incomplete

- Spring 1999 Linear algebra II, Compulsory exercise sessions, HU Berlin

Autumn 2009	Linear algebra I, Exercise sessions, Lecturer Prof. Große-Klönne, HU Berlin
Spring 2010	Linear algebra II, Exercise sessions, Lecturer Prof. Große-Klönne, HU Berlin
Spring 2011	Lecture Group theory, Assistant, Lecturer Prof. Kramer, Muenster
Autumn 2011	Quasi-conformal geometry, Seminar, joint with Prof. Lohkamp, Muenster
Autumn 2012	Lecture Spaces of non-positive curvature, Assistant, Prof. Kramer, Muenster
Spring 2013	Integers of quadratic number fields, Seminar, joint with PD Dr. K. Halupczok
Autumn 2013	Trees, Seminar, joint with Prof. Lohkamp, Muenster
Autumn 2013	Differential geometry I, Exercise sessions, Lecturer Prof. Lohkamp, Muenster
Spring 2017	Number Theory and their didactics, Lecture and Exercise sessions, HU Berlin
Spring 2017	p-adic representation theory, Lecture and Exercise sessions, HU Berlin

Research Visits

03/2009, 10/2012	Research stays at Poitiers University, supervised by Dr. P. Broussous
01/09–03/09	Research stay in Norwich at the University of East Anglia, supervised by Prof. S. Stevens

Talks

10/2006	“Über eine geometrische Möglichkeit Einbettungsinvarianten zu bestimmen”, HU Berlin
05/2007	“Gebäude für klassische Gruppen”, HU Berlin
06/2008	“Embeddings of local fields in simple algebras and simplicial structures on the Bruhat-Tits building”, summer school ”Arithmetic Geometry and Tropical Geometry”, Alpbach, Austria
03/2009	“Affine Maps between buildings and classical groups ”, UEA Norwich and Poitiers University
09/2009	“Canonical maps between Bruhat-Tits buildings of classical groups”, Workshop in remembrance of Martin Grabitz, HU Berlin
07/2010	“A canonical embedding of a centralizer in a classical group in terms of affine buildings” University of Muenster
11/2010	“Embedding types and barycentric coordinates”, University of Muenster
07/2012	“On intertwining implies conjugacy for classical groups”, HU-Berlin,
10/2012	“Geometric interpretation of intertwining and conjugacy of simple types”, Buildings 2012, Muenster
10/2012	“On intertwining implies conjugacy for classical groups”, Poitiers University,
04/2013	“Klassische Broussous-Grabitz-Typen und Gebäude von Zentralisatoren”, HU-Berlin
06/2013	“On Intertwining implies Conjugacy for p-adic classical groups”, University of Muenster
02/2014	“Actions of Burnside-groups on affine buildings”, University of Muenster
07/2014	“The trace map between Witt groups”, University of Muenster

- 10/2014 “Stabilizers in the building of a classical group”, Buildings 2014, University of Muenster
- 07/2015 “Skolem-Noether and representation theory of classical p -adic groups”, Heilbronn Number Theory, University of Bristol
- 12/2015 “Cuspidal representations for inner forms of classical groups”, Imperial College London
- 04/2016 “Endo-classes for inner forms of p -adic classical groups”, University of Bristol
- 06/2016 “Endo-classes for classical groups”, University of Poitiers
- 08/2016 “Modelling in international health care”, Hubei University of Medicine, Shiyan, China.
- 12/2016 “Endo-classes for classical groups”, University of Szczecin, Poland.
- 04-05/2017 “Endo-classes for classical groups”, Humboldt University Berlin

Conferences

- 09/2006 Summer school for the research training group, Pleinfeld, Bavaria, topics: “hyperbolic spaces, Q -curvature, symplectic geometry”
- 03/2007 Annual conference of DMV and GMD, HU Berlin
- 04/2007 Number Theory Days, EPFL Lausanne, Switzerland
- 09/2007 Sato-Tate Conjecture, Diophantine Geometry, Tropical Geometry, Alpbach, Austria
- 01/2008 Buildings: Interactions with Algebra and Geometry, Oberwolfach
- 04/2008 Number Theory Days, ETH Zürich, Switzerland
- 06/2008 Arithmetic Geometry and Tropical Geometry, Alpbach, Austria
- 07/2008 Workshop on “Symplectic Field Theory”, part III, HU Berlin
- 08/2008 Affine Buildings, Muenster
- 05/2009 Leopoldina-Symposium in Algebraic and Arithmetic Algebraic Geometry, Monte Verita, Ascona, Switzerland
- 09/2009 Workshop in remembrance of Martin Grabitz, HU Berlin
- 07/2010 Workshop for 65th birthday of Prof. E.-W. Zink, HU Berlin
- 03/2011 Winter-spring school “Invariants and Moduli”, Augsburg
- 05/2012 Johann Von Neumann conference, Muenster
- 06/2012 Summer school “Topology and Groups 2012”, FU Berlin
- 10/2012 Colloquium on Helmut Koch’s 80th birthday, HU Berlin
- 06/2013 Mini-Workshop on locally analytic representations and some applications, Amsterdam
- 07/2014 Cube complexes and groups, Copenhagen
- 10/2014 Buildings conference 2014, Muenster
- 01/2015 Winter Meeting on Bruhat-Tits buildings, Imperial College London
- 03/2015 Meeting on Expander Graphs, KIT Karlsruhe

01/2016 Workshop on Categorification and p-adic groups, UEA Norwich
03-04/2016 Algebrisation and Geometrisation in the Langlands Programme, Heilbronn
Institute for Mathematical Research, University of Bristol

More Skills German (native speaker), English (fluently), French (basics), Chinese (beginner
level)
Linux, LaTeX, C++, etc.

Further interests

dancing, chess, raising up my son, playing piano, economy, stocks, backstroke

Norwich, 04/01/2018