

# CURRICULUM VITAE

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## PERSONAL PROFILE

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**Name and Address:** Dipl.-Ing. Judith Kloas Bsc.  
Institut für Diskrete Mathematik  
Steyrergasse 30 III  
80 10 Graz, Austria

**Nationality:** German

**Email:** kloas@math.tugraz.at

**Date of Birth:** 08.02.1989



## EDUCATION

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**1995 – 2001** 2. Grundschule in Lübben

**2001 – 2008** Max-Steenbeck-Gymnasium with advanced education in mathematics, sciences, computer sciences and engineering

**2008** General qualification for university entrance (Abitur)

**2008- 2014** Study of Technical Mathematics (Financial and Actuarial Mathematics) at the Graz University of Technology

**July-September 2011** Internship at BVV Versicherungsverein des Bankgewerbes Berlin

**February 2014** Awarded the degree "Master of Science "

**March 2014-June 2018** PhD student of Wolfgang Woess and Project assistant at the Institute for Discrete Mathematics (TU Graz)

**Since June 2015** Member of the Doctoral Program Discrete Mathematics

**March 2018** Achieving the doctoral degree (expected)

## RESEARCH

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**Fields of interest** Stochastic processes,  
Probability theory,  
Discrete mathematics,  
Graph theory,  
Statistics, Finance and insurance mathematics

**Publications** *On recurrence of the multidimensional Lindley process*,  
Wojciech Cygan and Judith Kloas, 2018,  
Electronic Communications in Probability

*Multidimensional random walk with reflections*,  
Judith Kloas and Wolfgang Woess, 2018,  
Stochastic Processes and their Applications (to appear)

*Distinguishing graphs of maximum valence 3*,  
Svenja Hüning, Wilfried Imrich, Judith Kloas, Hannah Schreiber and  
Tom Tucker, 2018, The Electronic Journal of Combinatorics (to appear)

*Distinguishing locally finite trees*,  
Svenja Hüning, Wilfried Imrich, Judith Kloas, Hannah Schreiber and  
Tom Tucker, work in progress

## Conferences, Talks and Research stays

*Cortona:* Graphs, Groups and Random Walks, 2014

*Tours:* Winter school, 2015

*Warwick:* Random walks on graphs and potential  
theory, 2015

*Wien:* Talk, Austrian Stochastic Days, 2015

*Berlin:* Poster presentation, Young female researchers in  
probability, 2015

*Marseille:* Talk, Research stay (one week), 2015

*Tours:* Talk, Research stay (one week), 2016

*Bochum:* Talk, German Probability and Statistics Days 2016 –  
Bochumer Stochastik-Tage, 2016

*Darmstadt:* Talk, Spring school in mathematics and  
physics, 2017

*Salzburg:* Talk, OMG-DMV Congress, Austrian  
Stochastic Days, 2017

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## PERSONAL SKILLS

**First Language:**

German

**Foreign Languages:**

English, French

**Computerskills:**

MS Office, R, Mathematica, Latex,  
Experience with Matlab, SQL, C, C++

**210-2018**

Teaching Assistant at Graz University of Technology in  
Analysis, Linear algebra, Probability theory, Stochastic processes and  
Information theory

**2015-2018**

Doctoral Student Representative in the Doctoral School  
„Wissenschaftliches Rechnen“

**2015-2018**

Doctoral Student Representative in the Doctoral Program „Discrete  
Mathematics“

**2013, 2015**

Visiting seminar for presentation skills

**2017**

Member in a commission for a professor position in Statistics at Graz  
University of Technology