

# Daniel Lütgehetmann

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## Education

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### Berlin Mathematical School / Freie Universität Berlin

PH. D. MATHEMATICS

• *summa cum laude*

• Thesis: Representation Stability for Configuration Spaces of Graphs, Advisor: Holger Reich

Berlin, Germany

November 2014 – October 2017

### Berlin Mathematical School / Freie Universität Berlin

MASTER OF SCIENCE, MATHEMATICS

• GPA\* 1.0

• Thesis: Configuration Spaces of Graphs, Advisor: Holger Reich

Berlin, Germany

April 2013 – November 2014

### Freie Universität Berlin

BACHELOR OF SCIENCE, MATHEMATICS

• GPA\* 1.0

• Thesis: The Lipschitz Distance on Outer Space, Advisor: Holger Reich

Berlin, Germany

October 2010 – March 2013

\* On the German grading scale 1 is the highest and 5 is the lowest mark.

## Preprints

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### Representation Stability for Configuration Spaces of Graphs

<https://arxiv.org/abs/1701.03490>

January 2017

### The Homology of Configuration Spaces of Graphs

WITH SAFIA CHETTIH

<https://arxiv.org/abs/1612.08290>

December 2016

## Travel

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|                |   |                           |
|----------------|---|---------------------------|
| November 2017  | <b>Neural Implementations of Learning Models</b> , Symposium                                  | Lausanne, Switzerland     |
| October 2017   | <b>BMS-BGSMath Junior Meeting 2017</b> , Meeting  | Barcelona, Spain          |
| August 2017    | <b>Topology Ecuador 2017</b> , Conference   | Galápagos, Ecuador        |
| August 2017    | <b>EMALCA, Ecuador 2017</b> , Summer School   | Quito, Ecuador            |
| July 2017      | <b>Young Topologists Meeting 2017</b> , Conference  | Stockholm, Sweden         |
| June 2017      | <b>Groups, Manifolds &amp; K-Theory</b> , Conference  | Münster, Germany          |
| April 2017     | <b>Moduli and Traces: A celebration of the mathematical life of Ib Madsen</b> ,<br>Conference | Copenhagen, Denmark       |
| February 2017  | <b>Junior Geometry Seminar</b> , Seminar  | Cambridge, United Kingdom |
| October 2016   | <b>The Farrell-Jones conjecture</b> , Workshop  | Bonn, Germany             |
| August 2016    | <b>2016 West Coast Algebraic Topology Summer School</b> , Summer School                       | Eugene, USA               |
| August 2016    | <b>Cycles on Moduli Spaces, Geometric Invariant Theory, and Dynamics</b> , Workshop           | Providence, USA           |
| July 2016      | <b>7th European Congress of Mathematics</b> , Congress  | Berlin, Germany           |
| July 2016      | <b>Young Topologists Meeting 2016</b> , Conference  | Copenhagen, Denmark       |
| June 2016      | <b>Topology of Manifolds</b> , Conference   | Lisbon, Portugal          |
| November 2015  | <b>Workshop on Automorphisms of free groups</b> , Workshop                                    | Copenhagen, Denmark       |
| August 2015    | <b>Conference on Topology and Geometry</b> , Conference                                       | Bonn, Germany             |
| June 2015      | <b>First Chicago Summer School in Geometry and Topology</b> , Summer School                   | Chicago, USA              |
| May 2015       | <b>Topological Combinatorics of Configuration Spaces</b> , Oberwolfach Seminar                | Oberwolfach, Germany      |
| May 2015       | <b>Homotopy theory, manifolds and field theories</b> , HIM Introductory School                | Bonn, Germany             |
| September 2014 | <b>DMV-PTM Meeting 2014</b> , Conference  | Poznan, Poland            |
| September 2014 | <b>Satellite Conference for DMV-PTM Meeting 2014</b> , Conference                             | Bedlewo, Poland           |
| June 2014      | <b>Young Topologists Meeting 2014</b> , Conference  | Copenhagen, Denmark       |
| August 2013    | <b>Topology of high-dimensional manifolds</b> , HIM Summer School                             | Bonn, Germany             |
| June 2012      | <b>Topology and Groups</b> , Summer School  | Berlin, Germany           |

## Distinctions

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**Fellow**, Berlin Mathematical School

*November 2014 – October 2017*

**Fellow**, German National Academic Foundation

*January 2013 – November 2014*

## Teaching

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**University tutor for Analysis and Algebraic Topology**

*April 2012 – September 2014*

FREIE UNIVERSITÄT BERLIN

## Other

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In my free time I run the online platform [MathHire.org](http://MathHire.org).