

Curriculum Vitae – Johannes Müller

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Employment

Since 2020 PhD student at the Max Planck Institute for Mathematics in the Sciences, Leipzig
2015-2017 Student teaching assistant at the Mathematical Institute of the Albert Ludwig University
2018-2019 of Freiburg; assisted lectures: Linear Algebra, Measure and Integration Theory,
Functional Analysis, Real Analysis

Education

Since 2020 PhD studies at the Max Planck Institute for Mathematics in the Sciences in Leipzig
2017-2018 MSc in Interdisciplinary Mathematics with Distinction at the University of Warwick
2016-2019 MSc in Mathematics at Albert Ludwig University of Freiburg, First class honours
2013-2016 BSc in Mathematics at Albert Ludwig University of Freiburg, First class honours
2005-2013 Grammar school Gymnasium bei St. Anna, Augsburg, Germany

Talks and Seminars

April 2020 Presenting two posters “Deep Ritz revisited” and “On the space-time expressivity of
ResNets” at the ICLR workshop on Integration of Deep Neural Models and Differential
Equations, Virtual
April 2020 Invited talk at the Math Machine Learning seminar MPI MIS + UCLA, Virtual
Aug. 2019 Organisation of an interdisciplinary seminar on machine learning for the annual summer
school of the Evangelisches Studienwerk Villigst, e.V.

Workshops and conferences

April 2020 ICLR workshop on Integration of Deep Neural Models and Differential Equations,
Virtual
March 2020 Spring School on Mathematical Statistics, Max Planck Institute for Mathematics in the
Sciences, Leipzig, Germany, Cancelled
Nov. 2019 Oberwolfach Graduate Seminar: Mathematics of Deep Learning, Banach Center
Będlewo, Poland
Oct. 2019 Computational and Mathematical Methods in Data Science, Zuse Institute Berlin,
Germany
March 2019 Deep Learning Theory Kickoff Meeting, Max Planck Institute for Mathematics in the
Sciences, Leipzig, Germany
Jan. 2019 IMPRS-IS Symposium, Tübingen, Germany
Sep. 2018 Renormalisation in QFT and SPDEs: A gentle introduction and some recent
developments, Sir Isaac Newton Institute, Cambridge, UK
June 2018 omni:us: Machine Intelligence Summit, Berlin, Germany
Feb. 2018 German Probability and Statistics Days, Freiburg im Breisgau, Germany
Nov. 2017 Systems out of equilibrium: Maths meets Physics, University of Warwick, UK
Nov. 2017 Graduate student meeting and annual meeting of the London Mathematical Society,
London, UK

Competitions and awards

- 2019 PhD Fellowship at the International Max Planck Research School for Mathematics in the Sciences in Leipzig
- 2017 Full scholarship for tuition fees and living expenses for the MSc studies at the University of Warwick by Evangelisches Studienwerk Villigst e.V.
- Since 2015 Full scholarship awarded by the Evangelisches Studienwerk Villigst e.V.
- 2013 Prize for special achievements in senior classes in physics
- 2012, 2013 Second prize in the German National Competition in Mathematics
- 2010 First prize ('Landessieger') in the Bavarian Competition in Mathematics

Internships

- April 2019 Internship with Dr. Michael Meister, member of the German Bundestag and parlamentarischer Staatssekretär in the German Ministry for Education and Research

Personal data

- Date of Birth 3rd of June 1995 in Augsburg, Germany
- Nationality German
- Languages Fluent: German (mother tongue), English; Basic skills: French

Voluntary commitment

- 2018/2019 Member and spokesman of the student organisational committee of the annual summer school programme of the Evangelisches Studienwerk Villigst e.V.
- 2017 Part of the conference office of the Summer School 2017 in Wittenberg held by all publicly founded German scholarship foundations
- 2014-2018 Volunteer for the welcome week and the welcome hut for the new mathematics-students at the University of Freiburg
- 2011-2013 Students representative of year 11 and 12
- 2009-2013 Member of the Student council of the Gymnasium bei St. Anna

Personal interests

- Climbing, ski and high mountain touring
- Road cycling
- Piano
- Concerts and music festivals
- Photography

last updated 2020-05