

Bennet Karetta

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Personal information

Name Bennet Noah Karetta
Date of birth September 29th, 1997
Place of birth Brunswick, Germany

Education

University

- 10/2021 – present **Doctoral studies in Physics**, *Johannes Gutenberg University Mainz*.
Thesis Preliminary title: "Gradient Magnetoelasticity in Application to Antiferromagnetic Textures"
First Supervisor Prof. Dr. Jairo Sinova
Second Supervisor Prof. Dr. Olena Gomonay
- 04/2019 – 05/2021 **Master studies in Physics**, *Johannes Gutenberg University Mainz*.
Degree: M.Sc. Physics
Grade: 1.1
Thesis "Antiferromagnetic Domains in Presence of Magnetoelastic Interactions"
Advisor Prof. Dr. Olena Gomonay
Second corrector Prof. Dr. Karin Everschor-Sitte
Grade 1.0
- 04/2016 – 03/2019 **Bachelor studies in Physics**, *Johannes Gutenberg University Mainz*.
Degree: B.Sc. Physics
Grade: 1.1
Thesis "Modelling of the magnetic states and phase transitions in hematite"
Advisor Prof. Dr. Olena Gomonay
Second corrector Prof. Dr. Jairo Sinova
Grade 1.0

School

2007 – 2016 **Secondary School**, *Gymnasium am Römerkastell, Alzey Germany*.
Abitur with grade 1.8

Honours and Awards

- 03/2019 **One year membership in the DPG e.V.**, (*on the suggestion of the school administration as acknowledgement for outstanding performances in the subject physics*)..
- 03/2019 **One year membership in the DMV and book price**, (*on the suggestion of the school administration as acknowledgement for outstanding performances in the subject math*)..

Teaching

- SS 2021 Tutor and assistant in "Theoretical Electrodynamics" with Prof. Dr. Jairo Sinova
Assistant in the "Basic Lab Course 2" (for physicists)
- WS 2020/21 Tutor in "Theoretical Electrodynamics" with Prof. Dr. Thomas Speck
- SS 2020 Tutor in "Theoretical Classical Mechanics" with Prof. Dr. Thomas Speck
Assistant in the "Basic Lab Course 2" (for physicists)
- WS 2019/20 Tutor in "Mathematical Calculation Methods" with Prof. Dr. Friederike Schmid
- SS 2019 "Data Analysis with Mathematica" (Summer course)
Assistant in the "Basic Lab Course 2" (for physicists)
Tutor in "Mathematical Calculation Methods for Education Students 2" with Juniorprof. Dr. Marialore Sulpizi
- WS 2018/19 Tutor in "Mathematical Calculation Methods for Education Students 1" with Juniorprof. Dr. Marialore Sulpizi
- SS 2018 "Data Analysis with Mathematica" (Summer course)
Assistant in the "Basic Lab Course" (for chemists)
- WS 2017/18 Tutor in "Experimental Physics 1" (for chemists) with Prof. Dr. Sebastian Böser

Expertise

Programming

Python Good
Awk Fair

Software

Mathematica Very good
 \LaTeX Very good
Microsoft Office Very good
Gromacs Fair
CP2K Fair

Operating System

Windows Very good
Linux Fair

Other

- 04/2016– 09/2017 Member of the physics student council representatives
Webmaster of the physics student council webpage
- Since 2015 DLRG Lifeguard Batch
- 03/2014 Two week student internship at Schott A.G.
- Since 2013 Member of the Sound Engineering Team of the Christuskirche Westhofen
- 2011– 2015 Member of the Children's Church Team of the Christuskirche Westhofen
- 09/2010 Two week student exchange in Josselin, France