Curriculum Vitae – Eugen Dizer

PERSONAL DETAILS

Name: Eugen Dizer
Born: 03/03/1998 in Omsk, Russia
Nationality: German
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RESEARCH INTERESTS

Condensed Matter Theory, Ultracold Quantum Gases, Functional Methods, Superconductivity, Strongly Correlated Systems, Polarons

EDUCATION

2023 – present	PhD in Theoretical Physics at Heidelberg University
2020 – 2023	Master of Science in Physics at Heidelberg University *Thesis topic: Spectral properties in ultracold Fermi gases*
2016 – 2020	Bachelor of Science in Physics at Heidelberg University *Thesis topic: QED corrections in highly charged ions*
2018 – 2019	Physics at Saint Petersburg State University (Exchange)
2014	Physics at the University of Stuttgart (Early Study)

RESEARCH EXPERIENCE & EMPLOYMENT

2023 – present	Teaching Assistant at Heidelberg University
2022 – 2023	Research Assistant at MPIK in Heidelberg
2021 – 2022	Working Student at Robert Bosch GmbH
2019 – 2021	Teaching Assistant at Heidelberg University
2020	Internship at Robert Bosch GmbH
2016	Internship at the CFEL-DESY Theory Devision in Hamburg

AWARDS & SCHOLARSHIPS

2019	1st Place at International Physics Olympiad PLANCKS
2018	Baden-Württemberg Scholarship
2016	Physics Award from the German Physical Society
2016	Ferry-Porsche Price

POSTER CONTRIBUTIONS

2024	APS March Meeting 2024 in Minneapolis, USA
2022	Wuhan-Warsaw PSAS 2022 in Warsaw, Poland
2022	766. WE-Heraeus-Seminar in Bad Honnef, Germany

PUBLICATIONS

1. E. Dizer, J. Horak, and J. M. Pawlowski,
   Spectral properties and observables in ultracold Fermi gases,
   Physical Review A 109, 063311 (2024).

2. E. Dizer, and Z. Harman,
   Hadronic vacuum polarization correction to the bound-electron g factor,
   Physical Review A 108, 042808 (2023).

3. S. Breidenbach, E. Dizer, H. Cakir, and Z. Harman,
   Hadronic vacuum polarization correction to atomic energy levels,
   Physical Review A 106, 042805 (2022).