

CURRICULUM VITAE

MIRIAM GERHARZ



ÜBERSICHT ZUR PERSON

Date of Birth:	25.04.1997	Adress:	Im Neueheimer Feld 680
Nationality:	German		D-69120 Heidelberg
Gender:	female	Email:	miriam.gerharz@t-online.de

SCHULAUSBILDUNG

Primary school	Limesschule Arzbach (2003-2007)
Secondary school	Goethe Gymnasium Bad Ems (2007-2016)
Degree	A-Level with grade 1,0
Engagement	„Jugend forscht“-AG (year 9-12) Member of school orchestra, flute (year 5-13) Class-/Coursespeaker (year 9-13)

STUDYING PHYSICS

University	Ruprechts-Karls-University Heidelberg
Course	Bachelor of Science Physik (since Okt. 2016)
Bachelorarbeit	MPI Kernphysik Heidelberg Group Quantum optics of Prof. Dr. Jörg Evers
univ. Engagement	student associate since Dez. 2017 (library) „Basiskurs Schlüsselkompetenzen“-Tutor in WiSe 18/19

EXTRACURRICULAR ACTIVITIES

2011	Juniorakademie Meisenheim (Kurs „Von den Zufallszahlen und ihrem Gebrauch“)
2012	contest „Jugend forscht“ England exchange of Goethe Gymnasiums Bad Ems Rhetoric seminar and contest „Jugend debattiert“ Training for addiction and violence prevention
2013	Contest „Philosophischer Essay“
2015	one-week stay at „Deutsches Museum“ Munich (Reisestipendium)
2010-2015	„Mathezirkel“ at University Koblenz
2012-2015	„Mainzer Mathe Akademie“ at Johannes-Gutenberg-University Mainz
Sonstige	successful participation in divers mathematical contests

PRAKTIKA

- 29.07.-09.08.12 *University Koblenz, Abteilung Physik*
group of Prof. Dr. Christian Fischer, Abteilung Physik;
dismounting of UHV-experiments, image taking with atomic force microscope and electron microscope as well as testing experiments for the „physikalisches Praktikum “
- 27.07.-07.08.13 *University Duisburg, Fakultät für Physik*
group of Prof. Dr. Marika Schleberger, Experimentalphysik;
independent image taking with an electron microscope, small simulation projects and insight into komplex experiments with high ionised atoms and graphene
- 20.01.-24.01.14 *AOK-Klinik Bad Ems, Therapieabteilung (social internship)*
- 06.06.-01.07.16 *Karlsruher Institut für Technologie, Institut für theoretische Festkörperphysik*
group of Prof. Dr. Carsten Rockstuhl, supervised by Dr. Antje Bergmann;
complex measurements of a laser (results became part of a paper) as well as adjusting of a Michelson interferometere wit integrated Fabry-Pérot interferometere
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PUBLICATIONS

- *A simple DPSS laser setup and experiments for undergraduates* (doi: 0143-0807-38-1-014004)
Antje Bergmann, Sandra Kircher, Dominik Setzler, Miriam Gerharz und Carsten Rockstuhl
European Journal of Physics, 38(1):014004, 2017
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AWARDS

- DPG-Buchpreis for very good physics A-level
DMV-Buchpreis for very good mathematics A-level
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ADDITIONAL QUALIFICATIONS

- Text processing Mikrosoft Word, Excel and Powerpoint
 \LaTeX
- Programmming Delphi (good knowledge)
 C++ (good knowledge)
 Python (good knowledge)
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LANGUAGES

- German mother tongue (Understanding: C2, Speaking: C2, Writing: C2)
English very goog knowledge (Understanding: C1, Speaking: C1, Writing: C1)
French basic knowledge
Latin good translation knowledge
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HOBBIES

- Basketball (Djk Eppelheim), Judo and rowing (both in university sports),
- Skiing, hiking, bicycling
- Reading, Music