

Curriculum Vitae

Dr. Sarah Lindner

Personal Data

Date of Birth: December 27th, 1986
Nationality: Austrian
Mother Tongue: German

Current Position

November
2020 - current



University Assistant,
Research Group “Optics of Nano and Quantum Materials”,
Graz University, Austria

Education

June 2013 -
September
2018



PhD in Quantum Optics, Saarland University, Saarbrücken
Germany

Title of doctoral thesis: “Towards Integrated Single-Photon Sources Exploiting Inhomogeneous Spectral Properties of the Silicon-Vacancy Center in Nanodiamonds”

November 2011
- April 2013



Diploma thesis, Ruprecht-Karls Universität Heidelberg,
Germany

Work in particle physics with an external group of CERN (Geneva). Field of research: Particle track reconstruction in the detector LHCb





March 2006 -
April 2013










Karl-Franzens Universität Graz

Diploma studies, graduation with distinction.
Pursued two branches: Theoretical and experimental physics.

Awards

November 2013		1st Poster prize Physikerinnentagung of the German Physical Society
April 2013		Graduation with highest distinction Karl-Franzens Universität Graz
June 2005		Graduation with highest distinction Christian-Doppler Gymnasium
June 2004		2nd prize at the Austrian Young Physicist's Tournament To-date unsolved physical problems are researched in groups of high-school students and presented in English in front of other international groups and a jury consisting of university professors.

Work Experience

Sept. 2019- July 2020		Lecturer for University Entry Exams in Physics Karl-Franzens Universität Graz
March - May 2017		Guest researcher, Korean Institute for Science and Technology (KIST) Seoul, South Korea Information and expertise transfer between Saarland University and the Korean Institutions KIST and Korea Research Institute of Standards and Science (KRISS)
July 2011 - Sept. 2011		Voluntary Internship Deutsches Elektronen Synchrotron (DESY) Hamburg Programming of software for data acquisition.
August 2010		Voluntary Internship, Sony Digital Audio Disc Corporation (DADC), Anif bei Salzburg Production with electron-beam lithography and measurements with scanning electron microscope and atomic force microscope of micro structures for life sciences.
2008 - 2011		Teaching assistant at Experimental Physics Department, Karl-Franzens Universität Graz, Austria Teaching assistant for laboratory courses
July - August 2008		Voluntary Internship, W&H Dentalwerk, Bürmoos Noise measurements and implementation of solutions for noise reduction of dental drills
July - Sept. 2007		Voluntary Internship, Geislinger GmbH, Mayrwies bei Salzburg, Austria Implementation of a calculation program in EXCEL

International Experience

March - May
2017



Guest researcher, Korean Institute for Science and Technology (KIST) Seoul, South Korea

Details see above.

Jan. 2008 -
June 2008



ERASMUS student, Université Josef Fourier, Grenoble, France

Lectures, tests and presentations in French about quantum mechanics, particle physics and energy technologies.

Sept. 2005 -
Dec. 2005

Au-Pair, Saint-Nom-La-Bretèche, France

Responsible for one 2-year old and one 6-year old.

Intensive French courses.

Sept. 2003 -
February 2004



Exchange Student, Etiwanda High School, California, USA

Successfully completed regular school subjects in English.

Foreign Languages

English

Fluent in writing and speech, level C1

French

Fluent in writing and speech, level B2

Spanish

Level B1

Korean

Level A2