

Curriculum Vitae

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Affiliations: Institute of Condensed Matter Physics and Laboratory for Emerging Nanometrology (LENA),
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Ludwig-Maximilians-Universität (LMU) München,
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Employment

09/2024 – present **Tenure-Track Assistant Professor (W1 TT W2)**, Institute of Condensed-Matter Physics, TU Braunschweig, Braunschweig, Germany.
08/2024 – present **Munich Center for Quantum Science and Technology Junior Researcher START Fellow**, Faculty of Physics, LMU München, Munich, Germany.
08/2022 – 07/2024 **Marie Skłodowska-Curie Actions Postdoctoral Fellow**, Faculty of Physics, LMU München, Munich, Germany.
05/2021 – 07/2022 **MCQST Distinguished Postdoc Fellow**, Faculty of Physics, LMU München, Munich, Germany.
11/2020 – 04/2021 **Postdoctoral Researcher**, Faculty of Physics, LMU München, Munich, Germany.
10/2016 – 09/2020 **PhD Candidate in Experimental Physics**, Centre de Nanosciences et de Nanotechnologies (C2N), CNRS, Université Paris-Saclay, Palaiseau, France and CEA, IRIG-PHELIQS, Université Grenoble Alpes, Grenoble, France.
11/2014 – 03/2016 **Internship and Master Thesis Project**, Electronic Materials and Devices Laboratory (EMDL), PARC, a Xerox Company, Palo Alto, CA, USA.
11/2013 – 10/2014 **Student Research Assistant**, Fraunhofer Heinrich Hertz Institute for Telecommunications (HHI), Berlin, Germany.
04/2012 – 03/2014 **Teaching Assistant/Tutor**, Institute of Optics and Atomic Physics, TU Berlin, Berlin, Germany.

Education

09/2020	PhD in Physics , Université Paris-Saclay, Palaiseau, France, Thesis: "III-nitrides on silicon: a platform for integrated photonics from the ultraviolet to the near-infrared".
05/2016	MSc in Physics , TU Berlin, Berlin, Germany, Grade: 1.0 (very good), Thesis: "Design and characterization of e-beam pumped AlGaIn UVC emitters".
10/2013	BSc in Physics , TU Berlin, Berlin, Germany, Grade: 1.3 (very good), Thesis: "Morphological Properties of GaN Nanostructures grown on AlN by MOVPE".
06/2010	German Abitur , John F. Kennedy Schule, Berlin, Germany, Grade: 1.4 (very good).
06/2009	American High School Diploma , John F. Kennedy Schule, Berlin, Germany.

Awards, Scholarships and Memberships

2024	Invitation to the 73rd Lindau Nobel Laureate Meeting on physics in Lindau, Germany.
2024	MCQST Junior Researcher START Fellowship , Cluster of Excellence Munich Center for Quantum Science and Technology, Munich, Germany.
2023	CeNS Travel Award , Center for NanoScience, LMU, financial support for attending SPIE Optics & Photonics 2023 San Diego as an invited speaker.
2022	Marie Skłodowska-Curie Actions Postdoctoral Fellowship , European Commission, two years of funding.
2021	MCQST Distinguished Postdoc Fellowship , Munich Center for Quantum Science and Technology, Munich, Germany, one year of funding awarded to excellent female postdoctoral researchers.
2020	Prix de thèse Physique des Ondes et de la Matière (PhOM) , Thesis award "physics of light and matter" of the Graduate School of Physics of Université Paris-Saclay in the category "Optics"; 8 categories, 1 laureate per category.
2019	CNRS Preuve par l'image award , (The proof is in the picture) for an SEM image entitled "Photonic forest".
2018	Student Award at the International Workshop on Nitride Semiconductors (IWN) 2018; 20 prizes were awarded; 373 presentations were eligible.
2018	Bourse France l'Oréal-UNESCO pour les Femmes et la Science (French l'Oréal-UNESCO grant for women in science), awarded to thirty young female researchers (out of 900 applicants) during their PhD or postdoc for their scientific achievements in order to promote careers for women in science.
2018	Best Student Poster Award at ICPS 2018 - 34th International conference on the physics of semiconductors. Eight prizes were awarded.
2017	Erwin-Stephan-Preis of the TU Berlin for exceptionally quick and good studies in the Master's degree. Sole laureate in 2017.

- 2017 **Physik-Studienpreis** of the Physikalische Gesellschaft zu Berlin (PGzB) and financially supported by Siemens AG, awarded to the top eight students of the three Berlin universities and the University of Potsdam for an extraordinary Master's degree in physics.
- Since 2010 Member of the Deutsche Physikalische Gesellschaft (DPG).
- 2009 **Berliner Schülerpreis** of the PGzB for extraordinary achievement in the advanced physics course (Physikleistungskurs).