Curriculum Vitae

Jakob Schlör

jakob.schloer@uni-tuebingen.de
find me on: machineclimate.de, github.com, twitter

Education

since 09/2020	**PhD at Excellence Cluster "Machine Learning in Science",** University Tübingen ● Supervisors: Dr. Bedartha Goswami and Prof. Dr. Philipp Hennig ● International Max-Planck Research School scholar
10/2016 – 03/2020	**Master of Science in Physics**, University Regensburg (Ø 1.0) ● Subjects: Computational Nanoscience, Machine Learning ● Master's thesis with Prof. Evers, Theoretical Condensed Matter Physics
10/2012 – 09/2016	**Bachelor of Science in Physics**, University Konstanz (Ø 1.8) ● Bachelor's thesis at ETO MAGNETIC GmbH and with Prof. Fonin, Physics Department
09/2004 – 07/2012	**Eugen-Bolz-Gymnasium**, Rottenburg (Abitur Ø 2,1)

Practical Experience

09/2019 – 03/2020	**Robert Bosch GmbH**, Renningen Internship in the field of Uncertainty Quantification at Bosch Research
11/2017 - 04/2018	**Weizmann Institute of Science**, Tel Aviv (Israel) Internship with scholarship in the group of Prof. Tal, Molecular Quantum Conductors Group
	Student Assistant
03/2019	Tutor for the course Programming with C/C++, Physics Department, Regensburg
09 - 11/2017	Transport calculations in the group of Prof. Evers, Physics Department, Regensburg
07/2016 – 09/2016	Implementation of analysis software for AG Scheer, Physics Department, Konstanz
05/2015 - 07/2015	**DAAD-Internship "RISE weltweit"**, German University of Cairo (Egypt) Development of magnetic microrobots at the group of Dr. Khalil, Department of Engineering and Material Science

Publications & Presentations

03/2022	Preprint: Strnad F., Schlör J. et al., Teleconnection patterns of different El Niño types revealed by climate network curvature, arXiv:2203.07035
06/2021	Poster award at IMPRS-IS annual Boot Camp
04/2021	Schlör, J. and Goswami, B.: A data-driven generative model for sea surface temperature fields in the tropical Pacific, EGU General Assembly 2021
09/2020	Hernangómez-Pérez, Schlör J. et al., Reorganization energy and polaronic effects of pentacene on NaCl films, Phys. Rev. B 102, 115419 (2020)
03/2019	Poster presentation at DPG – Spring Meeting, Regensburg

Languages	German – Native (C2), English – Fluent (C1), French – Good (A2)
IT	Python, MATLAB, Simulink, C/C++, Bash Shell, Java, Blender, Latex
Voluntary Activities	Introducing AI to school kids with "KI macht Schule" (since 2021), Project coordination of "Helferkreis Dieselstraße" at Campus Asyl e.V. (2017–2019) Mediator at the Eugen-Bolz-Gymnasium (2008-2012)
Interests	Volleyball, road bike, hiking, climbing and playing drums