



Eva Kogler

WORK EXPERIENCE

GRAZ UNIVERSITY OF TECHNOLOGY – GRAZ, AUSTRIA

PHD CANDIDATE IN PHYSICS

- Working title: Importance of Coulomb screening and disorder for conventional superconductors from first-principles
- Organized the 2024 Computational Materials Science workshop
- Attended the 2024 School on electron-phonon physics, many-body perturbation theory, and computational workflows

GRAZ UNIVERSITY OF TECHNOLOGY – AUSTRIA

STUDENT EMPLOYEE – 2019 – 2022

- Organisational and administrative tasks for the Dean of Studies for Physics

MEDICAL UNIVERSITY OF GRAZ – AUSTRIA

STUDENT EMPLOYEE – 2020 – 2021

- Internship at the Institute of Biophysics

GRAZ UNIVERSITY OF TECHNOLOGY – AUSTRIA

STUDENT EMPLOYEE – 2018 – 2019

- Laboratory supervisor at the Institute of Experimental Physics

EDUCATION AND TRAINING

2020 – 2023 Austria

MASTER OF SCIENCE IN PHYSICS Graz University of Technology

- Received an Erasmus+ scholarship to conduct master's thesis research at Sapienza University of Rome from January to May 2023

Final grade Graduated with distinction |

Thesis Determining the Stability of Topical Superconductors: A Machine Learning-Driven Ab Initio Approach, Grade: excellent (1)

2016 – 2019

BACHELOR OF SCIENCE IN PHYSICS Graz University

- Awarded a Joint Studies scholarship for a semester abroad at Université de Montréal (language of instruction: French) from September to December 2019
- Received the performance studentship in 2017/18

Thesis Clock to Chaos Machine, Grade: excellent (1)

LANGUAGE SKILLS

Mother tongue(s): **GERMAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
FRENCH	B2	B2	B1	B1	B1
ITALIAN	A2	A2	A1	A1	A1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

Coding

Julia | Python | MATLAB

● PUBLICATIONS

2025

[IsoME: Streamlining high-precision Eliashberg calculations](#)

Authors: Eva Kogler, Dominik Spath, Roman Lucrezi, Hitoshi Mori, Zien Zhu, Zhenglu Li, Elena R. Margine, Christoph Heil | **Journal Name:** Computer Physics Communications | **Volume, Issue and Pages:** Vol. 315, Article Number 109720

2023

[Search for Ambient Superconductivity in the Lu-N-H System](#)

Authors: Pedro P. Ferreira, Lewis J. Conway, Alessio Cucciari, Simone Di Cataldo, Federico Giannessi, Eva Kogler, Luiz T. F. Eleno, Chris J. Pickard, Christoph Heil, Lilia Boeri | **Journal Name:** Nature Communications | **Volume, Issue and Pages:** Vol. 14, Article Number 5367

2023

[Quantum Lattice Dynamics and Their Importance in Ternary Superhydride Clathrates](#)

Authors: Roman Lucrezi, Eva Kogler, Simone Di Cataldo, Markus Aichhorn, Lilia Boeri, Christoph Heil | **Journal Name:** Communications Physics | **Volume, Issue and Pages:** Vol. 6, Article Number 298

● SOCIAL AND POLITICAL ACTIVITIES

2020 - 2024

Member of the department for Educational Policies of the HTU Graz

2016 - 2018

Student Representative

Elected representative for physics students at Graz University of Technology

2025

Student Representative

Elected representative for PhD students at Graz University of Technology

2025

Volunteer mentor at Sindbad - Social Business

Providing personal and educational mentoring to young people from disadvantaged backgrounds and supporting their transition from school to professional life