

Grzegorz Rajchel-Mieldzióć

✉ grzegorzrajchel@gmail.com • in grzegorz-rajchel-mieldzióć
® Grzegorz Rajchel-Mieldzióć

Education

Centre for Theoretical Physics PAS, Warsaw

Ph.D. Degree

2018-2021

Physics, title of the thesis: Quantum Mappings and Designs

KCIK Award for the best Ph.D. thesis in Poland in quantum information in years 2021/2022

University of Warsaw

Master's Degree

2016-2018

Physics, specialty: Theoretical Physics

University of Warsaw

Bachelor's Degree

2013-2016

Physics, Individual Path

Programming skills

Mathematica, Python

Experience

BEIT

quantum computing software R&D company in Cracow

Quantum physicist

2024-

Quantum Algorithms in Chemistry

NASK National Research Institute

Warsaw

Expert in Quantum Computing

2024, Jan-Jul

Quantum Computation Group

ICFO – The Institute of Photonic Sciences

Barcelona

Postdoctoral researcher

2022-24

Quantum Optics Theory Group led by Prof. Maciej Lewenstein

UPC – Universitat Politècnica de Catalunya

Barcelona

Assistant Professor

2022

Teaching assistant for a course *Física II* (in Spanish), 3/8-time employment

Centre for Theoretical Physics PAS

Warsaw

Ph.D. scholarship

2018-21

Uncertainty Relations and Quantum Entanglement – National Science Center (NCN)

Institute of Theoretical Physics, University of Warsaw

Master's scholarship

2016-18

Investigating entanglement in accelerated frames of references

Centre for Theoretical Physics PAS

Warsaw

Researcher

2018

Investigating properties of maximally entangled states – 6 months

Center for New Technologies, University of Warsaw

Researcher

2016

Numerical investigation of entangled proteins – 2 months

Centre for Theoretical Physics PAS

Researcher

Investigating properties of quantum walks – 3 months

Copernicus Science Centre

Guide

3 months

Warsaw

2016

Warsaw

2015

Other achievements

2023: National Centre for Quantum Information (KCIK) silver award

for the best Ph.D. thesis in Poland published in quantum information in years 2021/2022

2022: National Centre for Quantum Information (KCIK) golden award

for solving the quantum version of the Euler problem

2019-21: Three separate mini-grants from CTP PAS for a research project

2017: Stipend from Ministry of Science and Higher Education for extraordinary achievements

May 2016: 1 z 10 – general knowledge TV quiz

Winner

Language skills

English

Full Professional Proficiency

Spanish

Full Professional Proficiency

Polish

Native