

# Helena Reichlova

## Education

2016 Ph.D. degree Spintronics and Nanoelectronics  
Charles University in Prague, Faculty of Mathematics and Physics, Prague, CR

## WORK EXPERIENCE

2023 - Leader, Dioscuri Centre, Institute of Physics, Prague, Czechia  
2022 – 2023 Eleonore-Trefftz Professor, TU Dresden  
Researcher, Institute of Physics ASCR Praha, Czechia  
2018 - 2022 Researcher + Lecturer, Technical University Dresden, Germany  
2013 – 2018 Researcher, Institute of Physics ASCR Praha, Czechia  
2012 - 2013 Student Researcher, Ohio State University, Columbus, USA  
2008 - 2009 Student Researcher, Universite de Louis Pasteur, Strasbourg, France

## Career gaps

Feb – Apr 2020 Parental leave + Part-time TU Dresden  
Nov 2019 – Feb 2020 Maternity leave  
Jan – Dec 2017 Parental leave + Part-time Institute of Physics ASCR  
May - Dec 2016 Maternity leave

## Funding

2023 Max Planck Dioscuri program  
2022 Eleonore-Trefftz Program Fellowship  
2022 WEAVE program, joint proposal GACR-DFG, coordinator, and PI  
2012 Fulbright Fellowship (Ohio State University)

## Honors

2022 Czech Academy of Sciences: Otto Wichterle Young Scientists Award  
2022 American Physical Society: Outstanding Referee  
2021 Federal Government and the Länder: “Mehr Zeit für Wissenschaft“ support  
2020 Christiane Nüsslein-Volhard Fellowship  
2019 Lindau Nobel Laureate Meeting Master Class speaker  
2016 Price of Czech Ministry of Education  
2016 Best PhD thesis, Czech national price: Ceska hlava Doctorandus  
2016 1st price Milan Odehnal competition for young physicists  
2015 EPS Best Poster Presentation, Krakow  
2014 EMRS Best Presentation award, Warsaw  
2011 MORIS 2011 Best Poster Award  
2010 1st price in the Competition of the Spectroscopic Society of J.M.Marci

## Organization

2025 Organizer, IEEE Magnetic Frontiers, Czechia  
2024 Organizer, Spins, Waves, and Interactions, Greifswald  
2024 Organizer, WE Heraeus, Bad Honnef  
2023 Discussion Leader, GRC power hour, Les Diableretes  
2023 Organizer, Spins, Waves, and Interactions, Greifswald  
2022 Organizer, Spins, Waves, and Interactions, Greifswald  
2022 Organizer, Young Research Leaders workshop, Mainz  
2020 Organizer, YRLW Spin, Charge, and Heat Transport, online  
2019 Discussion Leader, Panel Discussion GRS “Spin Dynamics in Nanostructures”, Les Diableretes

## Invited Conference Contributions

2024 American Physical Society March Meeting, Minneapolis, USA  
2024 DPG Spring Meeting, Berlin, Germany  
2024 Magnetism and Optics Research International Symposium, The Guildhall York, UK  
2024 SPICE: Hybrid Correlated States and Dynamics in Quantum Materials, Germany  
2024 820. WE-Heraeus-Seminar, Hybrid Angular Momentum Transport and Dynamics, Germany  
2023 IEEE Magnetic Frontiers, Orlando, USA

- 2023 Spin Caloritronics XII conference, Tohoku, Japan
- 2023 DPG March Meeting, Dresden, Germany
- 2023 776. WE Heraeus Seminar, Bad Honnef, Germany
- 2022 Trends in Magnetism, Venice, Italy
- 2022 Spin Caloritronics XI, Urbana IL, USA
- 2021 American Physical Society March Meeting, Virtual
- 2020 Magnetism and Magnetic Materials conference, Virtual
- 2012 -2018 >10 contributed talks or posters

**Invited colloquia and tutorials**

- 2024 Czexpats meeting in Germany, Berlin, Germany
- 2024 Rice Workshop on Quantum Material Synthesis, Houston, USA
- 2023 Elasto-Q-mat autumn school, Germany
- 2023 IFW winter school, Postdam, Germany
- 2022 IFMP colloqium TU Dresden, Germany
- 2022 On-line SPICE-SPIN+X Seminar  
<https://www.spice.uni-mainz.de/2022/05/24/on-line-seminar-08-june-2022/>
- 2022 Board meeting Czech Physical Society, Praha, Czechia
- 2021 CzechNanoLab User Meeting, online
- 2019 SPICE workshop - Antiferromagnetic Spintronics, Mainz, Germany
- 2019 Spin waves and Interactions workshop, Greifswald, Germany
- 2017 Board meeting Czech Physical Society, Praha, Czechia