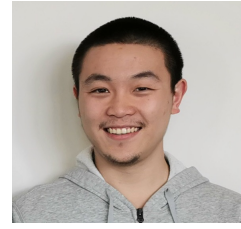


# Curriculum vitae Guangze Chen

## Personal information

- [Google Scholar](#)
- [personal webpage](#)
- [guangze.chen@aalto.fi](mailto:guangze.chen@aalto.fi)
- **Date of birth:** 13th January 1997



## Education

- 2019-present: **Ph. D. candidate**, Department of Applied Physics, Aalto University, Finland  
Supervisor: Prof. Jose L. Lado
- 2017-2019, **M. Sc. in Theoretical Physics**, ETH Zürich, Switzerland  
Master thesis supervisor: Prof. Oded Zilberberg and Prof. Wei Chen
- 2013-2017, **B. Sc. in Physics**, University of Science and Technology of China, China

## Other research experience

- 2021 Oct-Nov: Research collaboration with Prof. Malte Rösner at Radboud University, Nijmegen, The Netherlands

## Research Output

- **Publications**  
I am **first author** of 5 peer reviewed publications and 2 arXiv preprint. I am **contributing author** of 3 peer reviewed papers and 1 arXiv preprint.
- **Open source library development**  
[Twistronics.jl](#): Julia package to study twisted 2D heterostructures with tight-binding modeling  
[NHKPM.jl](#): Julia library to compute spectral functions of non-hermitian many-body systems with matrix-product states and kernel polynomial method

## Attended Conferences/Schools

- Quantum connections 2022, Stockholm, Sweden
- Physics Days 2022 (online), contributed a poster
- Spin control in twisted van der Waals heterostructures 2021 (online), contributed a talk
- Physics Days 2021 (online), contributed a talk
- APS March Meeting 2021 (online), contributed a talk
- Joint GEFES-RSEF and European Physical Society-CMD Meeting 2020 (online), contributed a poster
- Physics Days 2020 (online), contributed a poster

## References

- Prof. Jose L. Lado, [jose.lado@aalto.fi](mailto:jose.lado@aalto.fi)
- Prof. Peter Liljeroth, [peter.liljeroth@aalto.fi](mailto:peter.liljeroth@aalto.fi)