

Henrik Knierim

curriculum vitae

*Institute for Computational Science
University of Zurich
Winterthurerstrasse 190
8057 Zürich, Switzerland*

Education

- 2015–2019 **Bachelor of physics**, *Ruprecht-Karls-Universität, Heidelberg*
Bachelor's thesis: Planet population synthesis driven by pebble accretion in different disk environments - Supervisor: Dr. Bertram Bitsch, Max Planck Institute for Astronomy
- 2018–2019 **Research student**, *Kyoto University, Kyoto*
- 2019–2021 **Master of physics**, *Ruprecht-Karls-Universität, Heidelberg*
Master's thesis: On the Shallowness of Atmospheric Circulation in Hot Jupiters - Supervisors: Prof. Dr. Konstantin Batygin, Caltech; Dr. Bertram Bitsch, Max Planck Institute for Astronomy
- Since 2022 **PhD in theoretical astrophysics**, *Universität Zürich, Zurich*
Supervisors: Prof. Dr. Ravit Helled

Experience

Vocational

- 2015–2016 **Independent entrepreneur**, Lübeck
Electronic commerce
- 2016–2018 **Managing director**, *Schön & Knierim GbR, Bad Schwartau*
Electronic commerce
Online-Marketing
- 2019 **Research assistant**, *Max Planck Institute for Astronomy, Heidelberg*
Topic: Numerical simulations of the opacity in protoplanetary disks - Supervisors: Sofia Savvidou; Dr. Bertram Bitsch

Languages

- German Native speaker
- English Fluent in spoken and written English
- Japanese Intermediate

Additional qualifications and special activities

- Scholarship of the Michael-Haukohl Foundation for rhetoric and debating
- Member of "Team Kyoto" for "The Negotiation Competition" 2019
- Repeated (4x) participation in Model United Nations of Lübeck