

Thimo PREIS

PERSONAL DETAILS

PLACE AND DATE OF BIRTH: Hamburg | 23 March 1996
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EDUCATION

MARCH 2019- EXP. MARCH 2022 M.Sc., Physics, Heidelberg University, Germany

SEP. 2019-SEP. 2020 M.Sc., Mathematical Physics, Durham University
M.Sc. Particles, Strings, and Cosmology

JULY-AUGUST 2018 Summer school ("Yale Summer Sessions"), Yale University

OCT. 2015 - JANUARY 2019 B.Sc., Physics, Heidelberg University, Germany.
Title of Bachelor thesis:
'PERTURBATIVE TREATMENT OF THE COSMIC DENSITY-FLUCTUATION
POWER SPECTRUM IN THE ZEL'DOVICH APPROXIMATION',
Defence and thesis itself awarded with distinction (1.0)

JULY 2015 Abitur (A-levels), Rudolf Steiner School, Hamburg (with distinction)

OCT. 2011-FEB. 2012 Visiting student at University of Hamburg for the semester 2011/2012,
studied Theoretical Physics I, Experimental Physics I and Astronomy I

INTERNSHIPS

JULY-AUGUST 2018	Internship at the Astronomy Department of Yale University, under the supervision of Frank C. van den Bosch, 'PROBING THE SPHERICAL JEANS EQUATIONS WITH NUMERICAL DARK MATTER SIMULATIONS'
AUG.-SEPT. 2017	Internship at Institute of Theoretical Astrophysics Heidelberg, under supervision of Matthias Bartelmann, 'CORRELATION DISTRIBUTION FUNCTION IN KINETIC FIELD THEORY'
OCTOBER 2014	Holiday course at the Faculty of Chemistry, University Hamburg
JAN-MAR 2012	Internship at Deutsches Elektronen-Synchrotron (DESY), designed and created a 'MULTIFILAMENT COIL FOR A MOVING WIRE SYSTEM' at European XFEL, later used in laboratory at Shanghai University

SCHOLARSHIPS AND AWARDS

2015 - EXPECTED 2022	Full Scholarship by Studienstiftung des Deutschen Volkes (German Academic Scholarship Foundation)
JULY-AUGUST 2018	Scholarship by Banco Santander via Heidelberg University to attend Yale Summer Sessions 2018 at Yale University
JULY 2015	Abitur (A-levels) award of the Deutsche Physikalische Gesellschaft (German Physical Society)

TECHNICAL SKILLS

LANGUAGES	German (native), English (fluent), French (basic), Spanish (basic)
PROGRAMMING LANGUAGES, TOOLS	Python with data science stack: Jupyter Notebook, NumPy, SciPy, Pandas, PyTorch, scikit-learn, Keras with TensorFlow, C++, LaTeX, Git, Mathematica, LabView
SYSTEMS (USER)	Linux, Windows, Mac OS X