Anne PEIN

PERSONAL DATA

PLACE AND DATE OF BIRTH:	Achim, Germany｜14 March 1989
NATIONALITY:	German
ADDRESS:	Vossberg 31, 27749, Delmenhorst, Germany
PHONE:	+49 178 9627128
EMAIL:	anne.pein@t-online.de

EDUCATION

AUG 2015 — M.Sc. in PHYSICS, **Georg-August-Universität**, Göttingen
Final Grade: 1.1 (with distinction)
Thesis: "Sparsity Constraint for Phase Retrieval in X-Ray Propagation Imaging"｜Advisor: Prof. Tim SALDITT

2013-15 — Studies in PHYSICS, **Georg-August-Universität**, Göttingen

SEP 2012 — B.Sc. in MATHEMATICS, **Westfälische Wilhelms-Universität**, Münster
Final Grade: 1.3 (with distinction)
Thesis: "Global and local hierarchical model reduction for the Poisson problem"｜Advisor: Prof. Mario OHLBERGER

2009-12 — Studies in MATHEMATICS, PHYSICS and MEDICINE, **Westfälische Wilhelms-Universität**, Münster

2008-09 — Studies in PHYSICS, **Universität Bremen**, Bremen

JUN 2008 — German Abitur, **Max-Planck-Gymansium**, Delmenhorst
Final Grade: 1.1 (best result of graduating class)

PRACTICAL EXPERIENCE

JUN 2016-PRESENT | RESEARCH ASSISTANT
Institute for Applied Functional Analysis, Technische Universität Berlin, Berlin, Germany

NOV-DEC 2015 | VOLUNTARY WORK
Huinay Scientific Field Station, Huinay, Chile
Marine biology research station focusing on marine environment and ecosystem studies of the chilean fjords

SEP-OCT 2015 | RESEARCH ASSISTANT
Institute for X-Ray Physics, Georg-August-Universität, Göttingen, Germany

JUN-JUL 2015 | RESEARCH INTERNSHIP
Institut Langevin, Paris, France
Topic: Compressed Sensing for Ultrasonic Imaging

MAY-AUG 2014 | STUDENT ASSISTANT
Georg-August-Universität, Göttingen, Germany

AUG 2013	**INTERNSHIP**
	German Cancer Research Center, Heidelberg, Germany
	Topic: Medical Physics in Radiology

CONFERENCES, SCHOLARSHIPS AND AWARDS

DEC 2016	**Workshop: Young Women in Harmonic Analysis and PDE** in Bonn, Germany
NOV 2016	**Fall School** on **PDEs and Probability** at the African Institute for Mathematical Sciences in Mbour, Senegal
JUL 2016	**Summer School: Mathematical and Numerical Methods in Image Processing** organized by the **Berlin Mathematical School (BMS)** in Berlin, Germany
DEC 2015	Award from the **Dr. Berliner-Dr. Ungewitter-Foundation** for an outstanding Master's thesis
MAR 2015	Poster at the **German Physical Society (DPG)** conference in Berlin, Germany, with travel grant from the **Wilhelm and Else Heraeus Foundation**
2013	Scholarship from the **Lower Saxony Ministry of Science and Culture**
JUN 2008	Award from the **German Physical Society (DPG)** for excellent results during the Abitur

RESEARCH INTERESTS

Dynamical Systems, PDEs
Stochastic
Harmonic Analysis
Numerical Analysis

PUBLICATIONS

A. Pein, S. Loock, G. Plonka, and T. Salditt, "Using Sparsity Information for Iterative Phase Retrieval in X-Ray Propagation Imaging," Opt. Express 24, 8332-8343 (2016).

COMPUTER SKILLS

Basic Knowledge:	R, C++, Python, HTML, Origin, QGIS
Advanced Knowledge:	Matlab, LaTeX, Gnuplot, Inkscape, MS Office

REFERENCES

Prof. Tim SALDITT (supervisor Master's thesis):	tsaldit@gwdg.de
Prof. Mario OHLBERGER (supervisor Bachelor's thesis):	ohlberger@uni-muenster.de
Prof. Laurent DAUDET (supervisor at Institut Langevin):	laurent.daudet@espci.fr

LANGUAGES

GERMAN:	Mother tongue
ENGLISH:	Fluent
FRENCH:	Intermediate (B2)
SPANISH:	Intermediate (B1)

INTERESTS AND ACTIVITIES

Reading, Traveling, Languages, Cooking, Photography, Card & Board Games, Hiking, Swimming, Nature and Conservation