

CURRICULUM VITAE

PERSONAL PROFILE

- **Born** 05.08.1986 in Nuremberg
- **Family Status** married to Stephanie
- **Nationality** german

STUDIES

- **Doctoral Studies (22.02.2018)**
Dr. rer. nat. (Doctor of natural sciences) in algebraic geometry, title of thesis „Some Momentum Polytopes for multiplicity free quasi-Hamiltonian manifolds“ (Defended 22.02.2018, „cum laude“)
- **Undergrad studies (10/2006-06/2013)**
Lehramt Gymnasium (secondary level teacher) Math and Physics, finished with 1. Staatsexamen (First state exam) (grade 1,9, „good“) (10/2006-06/2013)
- **School (1997-2006)**
Abitur (A-levels) at Paul-Pfinzing-Gymnasium Hersbruck (grade 1,3) (2006)

PROFESSIONAL EXPERIENCE

- **Brandt & Partner GmbH & Co. KG (since 11.03.2019)**
Organisation Consultant
 - Development SAP ABAP, ABAP Objects, Adobe Forms
 - Consulting in SAP-MM, SAP-LO
- **FAU Erlangen-Nuremberg (06/2013-03/2019)**
Scientific Assistant at Department of Mathematics
 - Research in Algebraic Geometry
 - Teaching Algebra, Analysis, Complex Analysis, Geometry
- **FAU Erlangen-Nuremberg (04/2008-06/2013)**
Student Assistant at Department of Mathematics
Several Tutorials

INTERNSHIPS

- **EBT – EDV Beratung Thüring in Untermeitingen (IT-Consulting) (8 Weeks in summer 2008)**

HONORARY

- **Ukulelenboard.de (since 2002)
Webmaster**

LANGUAGES

- **German** Native
- **English** Fluent
- **French** Good

IT

- **Programming**
 - ABAP, ABAP OO
 - Python
 - JavaScript
- **Mark up languages**
 - HTML, CSS
 - LaTeX
- **Applications**
 - Microsoft Office, Sharepoint
 - Adobe Lightroom, Adobe Photoshop

IT-PROJECTS

SAP-ABAP

- Adobe Forms
- Interfaces, RFC, Service Provider
- Usage of materials in bills of material
- HTML formatted e-mails in SAP
- Reporting, DYNPRO

HTML, CSS, JAVASCRIPT

- Basic Webdesign

PYTHON

- SAGEMATH during my research projects

SCIENTIFIC

PAPERS

- **Quasi-Hamiltonian model spaces**, 2019, jt. with Bart Van Steirteghem, submitted to Transformation Groups
- **(Quasi-)Hamiltonian manifolds of cohomogeneity one**, 2019, jt. with Friedrich Knop, submitted to Mathematische Zeitschrift
- **On some families of smooth affine spherical varieties of full rank**, jt. with Guido Pezzini and Bart Van Steirteghem, 2018, Acta Mathematica Sinica, English Series Mar., 2018, Vol. 34, No. 3, pp. 563–596

TALKS

- 2019/02/08 **RUB Bochum, Seminar konvexe Geometrie**, Construction of multiplicity free quasi-Hamiltonian Manifolds, Talk
- 2018/10/26) **Emmy-Noether-Seminar Erlangen**, Geometrische Konstruktionen und Origami, Talk
- 2018/10) **Digital Tools and Mathematical Modelling in Mathematics Education in Würzburg**, Geometric constructions and Origami, Talk
- 2018/03) **Geometry and Representation Theory of Algebraic Groups in Bad Honnef**, Poster Presentation
- 2018/02) **Defense of my doctoral thesis**
- 2017/10/11) **Emmy-Noether-Seminar Erlangen**, Konstruktion multiplizitätenfreier quasihamiltonscher Mannigfaltigkeiten, Talk