

curriculum vitae



Name: Ronald Wagner
Adress: Olvenstedter Platz 8, 39108 Magdeburg
Born: 06.05.1986 in Magdeburg
Phone: +491725796459
Email: hnrwagner@outlook.de
Marital status: unmarried

Practical experience

- 05/2013 – present **Research engineer**
German Aerospace Center (DLR - Braunschweig)
- Structural analysis and mechanical testing of thin-walled structures
 - Project management and student support
 - Development, manufacturing and mechanical testing of composite structures
 - Evaluation and planning of mechanical tests of composite shells, beams and panels
 - Review of scientific article and research proposals
- 08/2011 – 04/2013 **Internship**
German Aerospace Center (DLR - Braunschweig)
- Probabilistic analysis of thin-walled composite shells
 - Structural analysis of composite shells (stability, material strength)
- 03/2008 – 05/2008 **Internship**
AWAB Umformtechnik (Oschersleben)
- Deep-drawing and welding of thin-walled metal shells
- 10/2006 – 06/2007 **Community service**
Schule am Wasserfall (Magdeburg)
- Care and supervision of disabled children

Education

- 03/2015 – 04/2018 **PhD Thesis**
Technical University Braunschweig
- „Robust design of buckling critical thin-walled shell structures“
- 08/2007 – 04/2013 **Diploma in mechanical engineering**
Otto-von-Guericke-University, Magdeburg
- Focus of basic studies: general engineering
 - Focus of main studies: numerical and structural engineering
- 09/2002 – 07/2006 **Gymnasium**
Gymnasium „Otto-von-Guericke“, Magdeburg
-

Further education

- 03/2015 – 04/2018 **PhD studies**
Graduate Academy GradTUBS
- Networking in Business and Science
 - University career for doctoral students
 - Future leaders and project management seminar
 - Seminar on effective delegation
 - Nutrition and fitness for effective brain performance
-

Further skills

- Software: MS Powerpoint, MS Word, MS Excel
Abaqus, Matlab, Maple, Python,
Photoshop, Origin Lab, LMS Virtual Lap
- Language: English – fluent
German – mother tongue
French – high school level
-

Other assets

- Scientific work: Lectures at international conferences
Publication of journal articles and book
chapters
- Awards: Best Paper Award at German Aerospace Center (2016)
-

Hobbies

- Naturopathy, Bodybuilding