

Dr.-Ing. **Ekaterina Gongadze**, Research Assist. Prof.

Date of birth: 27.01.1984

Place of birth: Sofia, Bulgaria

EDUCATION AND TRAINING

2008–2011 University of Rostock, Dr.-Ing. Computational Engineering (magna cum laude) Relevant modules: Biophysics, Computational electromagnetics and thermodynamics

2006–2008 University of Rostock, M.Sc. Computational Engineering
Relevant modules: Computational electromagnetic and thermodynamics, Analysis and numerics of partial differential equations, Numerical linear algebra, Coupled problems

2002–2006 Technical University of Sofia, BSc Industrial Engineering
Relevant modules: Mechanics I & II, Fluid mechanics, Heat transfer, Principles of mechanical engineering design, Production operation management, Manufacturing design, Industrial manufacturing systems, Manufacturing strategies

EMPLOYMENT HISTORY

06/2005 – 10/2005 : Work & Travel Program, USA

2008–2011 : Research scholar in the DFG Research Training Group 1505/1 “welisa”, University of Rostock

2011–2013 : Research Assistant, University of Ljubljana

2013–present : Research Assist. Professor, University of Ljubljana
· Further development of the electric double layer models with application on nanostructures
· Software: Comsol Multiphysics, Matlab

OTHER SKILLS

Computer Skills:

MATLAB, C/C++, COMSOL Multiphysics, Latex, MS Office (Word, Excel, PowerPoint)

Language Skills:

- English - business fluent (Cambridge Certificate in Advanced English)
- German - very good
- Russian - good
- Bulgarian - mother tongue

INTERESTS

Fitness, travelling, tennis, arts