

Curriculum Vitae

Jun.-Prof. Dr.-Ing. Ulrich Römer



Research Topics

Uncertainty quantification in engineering, stochastic modeling, sensitivity analysis, error estimation and adaptivity, uncertainties in data-driven approaches, reliability analysis, Bayesian inference

Current Position

Since 09/2017 **Juniorprofessor**
Technische Universität Braunschweig, Institut für Dynamik und Schwingungen,
Uncertainty Quantification group, <http://www.ids.tu-bs.de/index.php/roemer.html>



Scientific Background

09/2016-12/2016 **Visiting Scholar**, Computational Science Laboratory, Virginia Tech Blacksburg, USA
With Prof. Adrian Sandu

06/2015-08/2017 **Postdoctoral Research Fellow**, Computational Electromagnetics Laboratory and Graduate School of Computational Engineering, Technische Universität Darmstadt, Germany
With Prof. De Gersem

12/2009-06/2015 **Doctoral Studies (Dr.-Ing.)**, Computational Electromagnetics Laboratory Technische Universität Darmstadt, Germany
With Prof. Weiland, Prof. Schöps

10/2007-11/2009 **Double Degree Diploma (Engineering)**, Technische Universität Darmstadt, Germany (10/2007-12/2009) and École Centrale de Lyon, France (09/2005-09/2007)

10/2003-08/2005 **Intermediate Diploma (Vordiplom, Electrical Engineering)** Technische Universität Darmstadt, Germany



Scholarships and Awards

07/2020 Appointed member of the Junge BWG (Braunschweigsche Wissenschaftliche Gesellschaft)

2015-2018 Member of GAMM Juniors, appointed for an excellent PhD thesis in applied Mathematics and Mechanics, International Association of Applied Mathematics and Mechanics

2017 Best Student Poster Prize, R. Jankoski, U. Römer and S. Schöps, at the 21st International Conference on the Computation of Electromagnetic Fields

2015 Springer Thesis, Recognizing Outstanding PhD Research, publication nominated by the faculty of Electrical Engineering and Information Technology, Technische Universität Darmstadt, Germany

2010 Pepperl+Fuchs price for the best diploma in electrical engineering and information technology, with distinction, Technische Universität Darmstadt, Germany