

STEFAN RIGGER

Personal Data	<ul style="list-style-type: none"> - Date and place of birth: January 14th, 1992, Lustenau - Citizenship: Austrian - Language skills: German (<i>mother tongue</i>), English (<i>fluent</i>), French (<i>proficient</i>), Hungarian (<i>basic</i>) 	
Education	<p>Master Studies</p> <p><i>MSc Technical Mathematics (with distinction)</i> 2015-2017</p> <p>TU Wien</p> <p>Graduation: 13.10.2017</p> <p>Master Thesis Supervisor: Clemens Heitzinger</p> <p>Master Thesis Title: Cubature Formulas for Multisymmetric Functions</p> <p>Erasmus exchange semester during Winter Term 2016 at</p> <p>Aix-Marseille Université, France</p> <p>Bachelor Studies</p> <p><i>BSc Technical Mathematics, TU Wien</i> 2012-2015</p> <p><i>Physics, University of Vienna (not completed)</i> 2015 - 2017</p> <p><i>Law Studies, University of Vienna (not completed)</i> 2011 - 2013</p> <p><i>Chemical Engineering, TU Wien (not completed)</i> 2010-2012</p>	
Software Proficiencies	Julia, Python3, MATLAB, C/C++, \LaTeX	
Research Experience	<p>START project no. Y66o - <i>PDE Models for Nanotechnology</i>, 2016-2017</p> <p><i>Undergraduate research assistant at TU Wien</i></p> <p>FFG project LEEFF-Low Emissions Electric Freight Fleets, 2017-2018</p> <p><i>Research assistant at BOKU Wien (alternative national service)</i></p> <p>WWTF project <i>Macroprudential Bank Regulation</i>, 2018-2021</p> <p><i>Prae doc at University of Vienna</i></p>	
Publications and Preprints	<p><i>C. Cuchiero, S. Rigger and S. Svaluto-Ferro</i> 2020</p> <p>Propagation of Minimality in the Supercooled Stefan Problem (<i>preprint</i>)</p> <p><i>C. Heitzinger, G. Pammer and S. Rigger</i> 2018</p> <p>Cubature Formulas for Multisymmetric Functions - Applications to Stochastic Partial Differential Equations</p> <p><i>SIAM, Journal of Uncertainty Quantification</i></p> <p><i>C. Heitzinger, M. Leumüller, G. Pammer and S. Rigger</i> 2018</p> <p>Existence, Uniqueness and Comparison of Non-intrusive Methods</p>	

for the Stochastic Nonlinear Poisson-Boltzmann Equation
SIAM, Journal of Uncertainty Quantification

Work experience	- Teaching Assistant for Probability Calculus at University of Vienna	2019-now
	- Prae doc at University of Vienna	2018-now
	- Research Assistant at BOKU Wien (Alternative National Service)	2017-2018
	- Research Assistant at TU Wien	2016-2017
	- Teaching Assistant for Mathematics I,II for Mechanical Engineering at TU Wien	2015-2016
	- Tutor for Mathematics for Primary and Secondary School	2014
	- Chemical Engineer at STRABAG (marginal employment)	2011-2012
Conference presentations	<i>Austrian Numerical Analysis Day</i> , Salzburg	May 2017
	<i>Freiburg-Wien-Padova Seminar</i> , Padova	April 2019
	<i>Vienna Congress on Mathematical Finance</i> , Vienna	September 2019
	<i>OeMG Conference</i> , Dornbirn	September 2019
	<i>Vienna-Zurich Symposium</i> , Vienna	November 2019
	<i>13th European Summer School in Financial Mathematics</i> , Vienna	August 2020
	<i>Conference on High-dimensional Stochastics</i> , Vienna	September 2020