Mario Teixeira Parente

Academic CV

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Education

10/2016 - now	*Technical University of Munich (TUM)*
	Mathematics (Ph.D.)
PhD Thesis	Algorithms in Uncertainty Quantification
10/2013 - 04/2016	*Ludwig-Maximilians-Universität Munich (LMU)*
	Mathematics (M.Sc.)
Master Thesis	Brownian Motion and the Dirichlet Problem
10/2010 - 09/2013	*University of Applied Sciences Munich (HM)*
	Scientific Computing (B.Sc.)
Bachelor Thesis	N.V. Krylov's Proof of the de Moivre-Laplace Theorem

Scholarships

04/2012 - 05/2016	**German Academic Scholarship Foundation** (Studienstiftung des deutschen Volkes)
04/2012 - 04/2016	**Max Weber-Program of the State of Bavaria** (Max Weber-Programm Bayern)
10/2011 - 03/2012	**Deutschlandstipendium**

Teaching

Winter 2017/18	**Introduction to Numerical Linear Algebra**, *Tutor*, TUM
Summer 2017	**Introduction to Programming**, *Tutor*, TUM
Summer 2017	*Hauptseminar*: **Uncertainty Quantification with Efficient Monte Carlo Methods**, TUM
Winter 2015/16	**Stochastics**, *Tutor*, LMU
Winter 2014/15	**Analysis I**, *Tutor*, LMU
Winter 2011/12	**Linear algebra and Software engineering**, *Tutor*, HM

Talks

07/2017	**Active Subspaces**, *Reading Group UQ*, TUM
05/2017	**Ensemble Kalman methods for inverse problems**, *Reading Group UQ*, TUM
08/2016	**Brownian Motion and the Dirichlet Problem**, *Oberseminar Simulation and Uncertainty Quantification*, TUM

Trainings

02/2017	**Advanced C++ with Focus on Software Engineering**, Regionales RechenZentrum Erlangen (RRZE)
03/2017	**Parallel Programming of High Performance Systems**, Leibniz Computing Centre (LRZ)

Experience

06/2016 - 09/2016	**Student Assistant**, HM, Research project: Modeling and simulation of pedestrian movement
04/2016 - 05/2016	**Research Internship**, Yale University (USA), Image processing of nanoscopic images in cell biology
10/2012 - 11/2013	**Student Assistant**, HM, Research project: Modeling and simulation of pedestrian movement

Munich, February 12, 2018