

Curriculum Vitae

Jun.-Prof. Dr. Maximilian Merkert

Research Topics

mixed-integer nonlinear programming, network optimization, polyhedral combinatorics, bilevel optimization, game theory, application of mathematical optimization techniques in the the areas of mobility, logistics and medicine



Current Position

Since 2021 **Assistant Professor (W1)** for Optimization and Uncertainty in Mobility,
Institute for Mathematical Optimization, Technische Universität Braunschweig, Germany

Scientific Background

2017-2021	Postdoctoral Researcher , Algorithmic Optimization group (headed by Prof. Sebastian Sager), Otto von Guericke University Magdeburg, Germany
2012-2017	Doctoral Studies (Dr. rer. nat.) , Economics, Discrete Optimization, and Mathematics (EDOM) research group (headed by Prof. Alexander Martin), Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
2009-2011	Diploma in Mathematics with minor Computer Science within the study program Mathematics International, Technische Universität Kaiserslautern, Germany
2010	Exchange Semester , University of Auckland, New Zealand
2007-2009	Intermediate Diploma (Vordiplom) in Mathematics with minor Computer Science, Technische Universität Kaiserslautern, Germany

Scholarships and Awards

Since 2020	Appointed member of the The Young Braunschweig Scientific Society (JBWG)
2017	Scholarship from the Collaborative Research Center CRC TRR 154: Mathematical Modelling, Simulation and Optimization Using the Example of Gas Networks, supporting the final phase of my PhD
2010	Scholarship from the German Academic Exchange Service (DAAD), supporting my exchange Semester at the University of Auckland
2009 - 2011	Scholarship from Studienstiftung des Deutschen Volkes, supporting my studies at TU Kaiserslautern from 02/2009 onwards