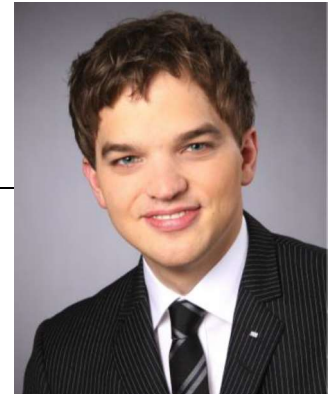


Curriculum Vitae

Professor Dr.-Ing. Dominik Schillinger



Research Topics

- Computational modeling of multiphysics problems (materials, structures, fluids)
- Discretization methods for partial differential equations with multiple scales
- Integrating CAD, image processing, data science into simulation technology
- Scientific computing on modern heterogeneous computer architectures
- Various applications related to simulation-driven design and optimization in manufacturing, turbomachinery design, cardiovascular medicine, plant breeding

Current Position






Since 01/2019

Professor of Computational Mechanics

Institute of Mechanics and Computational Mechanics,
Department of Civil Engineering and Geodetic Science,
Leibniz Universität Hannover, Germany



Academic Background

2013 - 2018	Assistant Professor of Computational Mechanics Department of Civil, Environmental, and Geo- Engineering, University of Minnesota, Twin Cities, USA	
2011 - 2013	Postdoctoral Fellow and Lecturer Institute for Computational Engineering and Sciences The University of Texas at Austin, USA	
2012	Dr.-Ing. degree in Computational Mechanics Department of Civil, Geo and Environmental Engineering, Technische Universität München	
2008	Dipl.-Ing. degree in Modeling and Simulation Methods Department of Civil and Environmental Engineering, University of Stuttgart	
2006	Master of Science degree in Structural Engineering Department of Civil and Environmental Engineering, University of Connecticut, USA	
2004	Vordiplom in Civil Engineering , University of Stuttgart	

Academic Honors and Awards

2019	EMI Leonardo da Vinci Award, American Society of Civil Engineers (ASCE)
2018	ERC Starting Grant, European Research Council
2018	DFG Emmy-Noether Award, German Research Foundation
2017	NSF Faculty Early Career Development (CAREER) Award, National Science Foundation
2016	CISE Research Initiation Initiative Award, National Science Foundation
2016	McKnight Land-Grant Professorship Nomination, University of Minnesota
2015	ICE Zienkiewicz Numerical Methods in Engineering Medal and Prize, Institution of Civil Engineers
2015	GAMM Richard-von-Mises Prize, International Association of Applied Mathematics and Mechanics
2012	IACM John Argyris Award, International Association for Computational Mechanics & Elsevier
2011	Publication Prize, Int'l Graduate School for Science and Engineering, Technische Universität München
2005	Admission to the German Academic Scholarship Foundation (Studienstiftung des deutschen Volkes)
Since 2005	Various fellowships, e.g., Baden-Württemberg Scholarship (2005), DAAD Research Fellowship (2008), TUM Doctoral Fellowship (2009), DFG Research Fellowship (2012)
2004	Tuition waiver for the diploma program at the University of Stuttgart (top 3% in the Vordiplom)