

Prof. Dr. Günther Meschke  
Head of Institute for Structural Mechanics  
Vice Rector for Research and Transfer  
Ruhr University Bochum  
D-44780 Bochum, Germany



## Curriculum Vitae

### Education:

Dec. 1983	Graduation to Dipl.-Ing., Civil Engineering, Vienna University of Technology, Austria
June 1989	Dr. Eng., Vienna University of Technology, Austria
Oct. 1996	Venia Legendi, field: Strength of Materials and Structural Mechanics

### Professional Career:

Feb. 1984-Mar.1988	Research assistant, Institute for Strength of Materials, Vienna University of Technology
Apr.1988-Oct.1996	University assistant, Vienna University of Technology
Dec.1990-Jan. 1992	Research associate, Stanford University (Appl. Mech. Div.), USA
Oct.1996-Aug.1998	Associate Professor, Vienna University of Technology
since Sept.1998	Full Professor for Structural Mechanics, Ruhr University Bochum
Oct.2001-Oct.2004	Director of Inst. for Structural Engineering, Ruhr University Bochum
Oct.2004-Sept.2006	Dean of Faculty for Civil Engineering, Ruhr University Bochum
2010-2012	Spokesman Collaborative Research Center „Interaction modeling for mechanized tunneling“
July 2012	Offer for Professorship „Structural Analysis“ at Graz University of Technology, declined
2010-2022	Spokesman of the Research Department „Subsurface Modeling and Engineering“
2016-2021	Member of the Austrian Science Board
since Nov. 2021	Vice Rector for Research and Transfer, Ruhr University Bochum

### Honors and Awards

Dec. 1989	Award of a Max Kade stipend by the Austrian Academy of Sciences
Oct. 1996	Advancement Award for the Sciences of the City of Vienna
Dec.1997	Kardinal-Innitzer-Award

Since May 2010	Member of Academy of Sciences and the Arts of Northrhine-Westphalia
Since Oct. 2010	Member of German Academy of Science and Engineering (acatech)
Since May 2012	Corresponding Member of the Austrian Academy of Sciences
Sept. 2014	EUREKA-Innovation-Award (Category "Innovator of Tomorrow")
Since Sept. 2017	Member of the Academia Europaea
April 2023	Austrian Cross of Honors for Science and Art

## Scientific Activities

Research in computational structural mechanics with emphasis on tunneling and steel and fiber reinforced concrete structures, Model- and data driven methods for the steering of construction processes, Machine learning methods and uncertainty modeling, Integration of BIM and computational simulation.

Co-editor of 3 Books, 15 conference proceedings, 496 scientific papers (thereof 215 papers in int. peer-reviewed scientific journals)

## Editorships and Membership in Editorial Boards of Scientific Journals

- Co-Editor-in-Chief: "European Journal of Environmental and Civil Engineering", Assoc. Editor: "Modeling"
- Engineering Structures (Member of Advisory Board)
- Advances in Engineering Software
- Computer Methods in Applied Mechanics and Engineering
- International Journal for Numerical and Analytical Methods in Geomechanics
- Underground Space
- Computers and Geotechnics
- Computers and Concrete
- Tunnel and Large Underground Works

## Membership in Scientific Associations

- German Association for Computational Mechanics (GACM) (Vice-President)
- Association „Baustatik-Baupraxis“ (Member of Executive Board October 2015-2023)
- Int. Association of Fracture Mechanics for Concrete and Concrete Structures (FramCos) (Board of Directors)
- Int. Association for Computational Mechanics (IACM) (General Council)
- International Federation for Structural Concrete (fib): Member of Task Group TG 2.4.2 „Modeling of Fibre Reinforced Concrete Structures“
- Association of Applied Mathematics and Mechanics (GAMM)
- ASCE-Engineering Mechanics Division: Committee of Properties of Materials
- American Association for Civil Engineering (ASCE)
- Member of the Review Board for the Section „Applied Mechanics, Statics and Dynamics“ of the German Science Foundation (2016-2021)