

Prof. Dr.-Ing. Steffen Marx  
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## Personal

26.05.1969      born in Nordhausen

married, four children

## Professional activity

since 02/2020      Technische Universität Dresden, Holder of the DB Netz AG - Endowed Professorship for Civil Engineering

2011 - 2020      Leibniz University Hannover, W3 professorship solid construction, Head of the Institute for Solid Construction

since 2011      Founder and partner of the company Marx Krontal Partner, engineering company with focus on: Planning, Diagnostics and Monitoring

09/2010 - 05/2011      University of California San Diego, Visiting Professor, (Marie Curie International Outgoing Fellowship)

04/2007 - 08/2010      Dresden University of Technology, Institute for Solid Structures Honorary professor for measurement and test engineering, responsible for the teaching of the institute

02/2005 - 02/2007      DB ProjektBau GmbH, Southeast Branch, Head of Engineering and Structural Engineering, Head of the planning department with 60 employees at five locations. Planning of civil engineering structures, e.g. the integral viaducts of the VDE<sup>8</sup> (Scherkonde valley bridge, Unstrut valley bridge)

01/2004 - 01/2005      DB ProjektBau GmbH, Southeast Branch, Project manager in the project center Dresden, Contract responsibility for project: "Flood damage removal Pirna border" (approx. 30 million €)

08/2001 - 12/2003      DE-Consult GmbH and DB ProjektBau GmbH, Southeast branch, team leader structural engineering, Head of the planning department with 10 employees

10/1999 - 06/2001      BGS Engineering Company Dresden, Planning engineer and project manager, detailed design, tendering and testing of engineering and building constructions, processing of special proposals, planning coordination

10/1995 - 08/1999      Bauhaus University Weimar, professorship solid construction; Research assistant; Doctorate

02/1990 - 07/1990      VEB Denkmalpflege Dresden, special stone craftsman

10/1988 - 02/1990      Basic military service

08/1988 - 10/1988      VEB WBK Dresden, concrete worker

## Prizes and awards

2018      German Bridge Construction Award (Team Member): Repair of the swing bridge, Park an der Ilm, Weimar

2012      German Bridge Construction Award (team member): Scherkonde Valley Bridge

## academic career

08/1999      Doctorate at the Bauhaus University Weimar, professorship solid construction; Doctoral thesis on the topic: "Application of mathematical optimization in the geometric and nonlinear analysis of reinforced concrete structures" passed with "summa cum laude"

10/1995      Diploma

09/1990 - 10/1995      University of Architecture and Civil Engineering Weimar; Studies in civil engineering; specialization: structural engineering / solid construction

## School graduation

09/1985 - 08/1988      BBS "Julius Fucik" of the VEB WBK Dresden; High school diploma and vocational training as construction worker, "passed" with distinction

## Memberships

2019 - 2020	Dean of the Faculty of Civil Engineering and Geodesy of the Leibniz University Hannover
since 2019	Chairman DAfStb UA "Evaluation of existing structures", Collaboration DAfStb TA Design and Construction, Collaboration CEN/TC 250/SC2/WG1/TG3
since 2019	Editorial Advisory Board „Structural Concrete“
since 2017	Scientific advisory board "Detail Structure"
2014 - 2019	Predean of the Faculty of Civil Engineering and Geodesy at Leibniz Universität Hannover
since 2014	Advisory board of the Bundesstiftung Baukultur
since 2011	Scientific reviewer activities (selection): DFG, DAfStb, Hessen Agentur, Universite' du Luxembourg, University of Cape Town
since 2010	Scientific advisory board "Structural Engineering"
since 2009	Reviewer of the journals Beton- und Stahlbetonbau; Engineering Structures, Structural Concrete, Engineering Structures, Structural Engineering International, Cement and Concrete Composites etc. Editor of several special issues in bridge construction
since 2008	fib - fédération internationale du béton, Member of Task group "Bridges", Convener WP "High Speed Railway Bridges", Member WP "Integral Bridges"
03/2007 - 03/2011	Managing Director of the Bridge Advisory Board of DB AG
since 2007	Int. Association for Bridge and Struc. Engineering
2006 - 2010	University council of the University of Applied Sciences Neubrandenburg
10/2006 - 06/2007	Project manager bridge strategy of DB AG
since 2005	Jury member German Bridge Construction Award, Jury member of various competition commissions for bridge construction and civil engineering awards
since 2005	Deutscher Ausschuss für Stahlbeton