

Manfred Curbach
Academic Staff
Chair of Concrete Structures
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Curriculum Vitae

Schoolltime

08.1967-06.1976 Einstein-Gymnasium , Dortmund
06.1976 A-level
04.1963-07.1967 Dietrich-Bonhoeffer-Volksschule, Dortmund

Studies

10.1977-08.1982 Studies in "Structural Engineering", Department of Civil Engineering, University of Dortmund
since 02.1980 Granting by Studienstiftung des Deutschen Volkes
08.1982 Diplom
09.1982-10.1982 Study visit at Princeton University, New Jersey, USA, with Prof. David Billington, focusing on "Bridge Building in the USA" and "Maillart", as a scholarship holder of the Studienstiftung des Deutschen Volkes (German National Academic Foundation)

Professional activity

11.1982-12.1983 Research assistant at the Chair of Concrete and Reinforced Concrete Construction at the University of Dortmund with Prof. Josef Eibl
01.1984-10.1988 Research assistant at the Institute for Solid Construction and Building Materials Technology at the University of Karlsruhe with Prof. Josef Eibl
07.1987 PhD
11.1988-07.1994 Project leader in the engineering office Köhler + Seitz, Nuremberg / Dresden / Munich
04.1994-07.1994 Lectureship in solid construction at the TU Dresden
08.1994-06.2004 Partner in the engineering office Köhler + Seitz, Nuremberg / Dresden / Munich
since 08.1994 University professor (C4), holder of the chair of solid construction at the TU Dresden
12.1997 Certification as a test engineer for structural analysis, specializing in solid construction
07.1999-06.2011 PI of the Sonderforschungsbereiches 528 "Textile Bewehrungen zur bautechnischen Verstärkung und Instandsetzung"
02.2000-08.2002 Peer reviewer of the German Research Foundation (DFG)
since 01.2005 Partner in the engineering office Curbach Bötsche Ingenieurpartner, Dresden
12.2006-08.2010 Vice Rector for University Strategy, TU Dresden
since 01.2010 Head of the German Delegation of the International Concrete Federation fib (Fédération internationale du béton)
since 07.2011 PI of Priority Program SPP Lightweight Construction 1542
since 07.2013 PI of BMBF Consortium C³ - Carbon Concrete Composite
since 07.2020 PI of Sonderforschungsbereichs/Transregio 280 „Konstruktionsstrategien für materialminimierte Carbonbetonstrukturen“
since 2021 Initiator and PI of the application for a large-scale research center in Saxon Lusatia "LAB - Lusatia Art of Building", as part of the initiative "Knowledge creates perspectives for the region!" of the Ministry of Education and Research

Memberships

since 01.1999 Member of the scientific advisory board of the journal "Beton- und Stahlbetonbau"
08.2022-06.2008 Member of the Senate of German Research Foundation (DFG)
01.2003-12.2008 Chairman of the Board of the VDI Society for Civil Engineering

02.2004-03.2012 Chairman of the Select Committee of the DAfStb
since 03.2011 Member of the Scientific Advisory Board of the Federal Waterways Engineering and Research Institute (BAW)
since 06.2011 Member of the Thuringian Program Commission, TMWWDG
since 02.2012 DFG review board member
since 06.2013 Member of the National Academy of Sciences Leopoldina
since 04.2014 Chairman of the Scientific Advisory Board of the Federal Waterways Engineering and Research Institute (BAW)
since 01.2015 Member of the Research Advisory Board of the TU Kaiserslautern
02.2016 Elected as a full member of the Technical Sciences Class of the Saxon Academy of Sciences in Leipzig
since 04.2016 Member of the Permanent Commission for Research and Young Academics of the German Rectors' Conference HRK
since 12.2019 Full member of acatech - German Academy of Science and Engineering

* National delegate of fib for Germany, until May 1998 of the predecessor association CEB

* Convenor of the fib Task Group 1.6 History of Concrete Structures

* Member of ACI, ASCE, DAfStb, IngKammer, PCI, RILEM, VDI, VPI

* Member of the Research Advisory Board of DAfStb

* Member of the Working Committee "Design and Construction" of DIN, responsible for DIN 1045-1 and others

* Member of the Editorial Board of the journal Civil Engineering Design (Wilhelm Ernst & Sohn - Verlag für Architektur und technische Wissenschaften GmbH & Co. KG)

* Member of the Advisory Board of structure - Zeitschrift für Tragwerksplanung und Ingenieurbau (Journal for Structural Design and Civil Engineering)

* Corresponding Member of the Class for Engineering Sciences of the Braunschweig Scientific Society