

Prof. dr Christoph Butenweg, BSc Civil Engineering

Christoph Butenweg is a Full Professor for Technical Mechanics and Structural Engineering at FH Aachen University of Applied Sciences (since 2016), General Manager of the SDA-engineering GmbH (since 2006), Herzogenrath and Member of the Executive Board of the Center for Wind and Earthquake Engineering, RWTH Aachen University (since 2016).

Prof. Butenweg graduated at the Ruhr-University Bochum in 1994 and received his PhD degree in 1999 at the University of Essen. He worked from 1999 to 2001 as a Structural Engineer in the engineering company „Karvanek-Thierauf“ in Essen. Between 2001 and 2016 he was employed as Chief Engineer at the Institute of Structural Statics and Dynamics, RWTH-Aachen. In 2006 he founded the engineering company SDA-engineering GmbH together with Dr.-Ing. Philippe Renault after many years of collaboration at the Chair of Structural Statics and Dynamics of RWTH Aachen University. In 2016 he was elected as Full Professor. Since 2021, Prof. Butenweg is elected as a visiting professor at the Faculty of Civil Engineering, University of Belgrade.

Prof. Butenweg authored and co-authored more than 250 national and international publications and four textbooks on Structural Statics and Dynamics. He is a former President of the German Society of Earthquake Engineering and Structural Dynamics (DGEB) (2011–2015), Member of the Executive Committee of the European Association of Earthquake Engineering (EAEE), Member of the Research Advisory Board of German Committee for Masonry Construction e.

V. (DAfM), Member and qualified Structural Engineer of the Chamber of Engineers Bau NRW, Member of the Working Group Masonry WG1 of TC250/SC8 and Chairman of the international conference SEDIF (Seismic design of industrial facilities).

In addition, Prof. Butenweg is Leader of the Project Team 5 for the evolution of Eurocode 8-4/6, Chairman of the DIN Committee “NA 005-06-37 AA” and Member of the code committee construction engineering NA 005-51-06 AA, Technical committee earthquake, special problems (Preparation of the earthquake codes DIN 4149 and Eurocode 8 with National Annex for Germany).

Prof. Butenweg is a reviewer for the following journals: Bulletin of Earthquake Engineering, Advances in Civil Engineering, Engineering Mechanics, Bautechnik and Bauingenieur.

His teaching activities include the following undergraduate and graduate courses: Linear and nonlinear finite element methods, Structural Dynamics, Bionics, Earthquake Engineering, Technical Mechanics and Structural Engineering in general. His research expertise is related to complex problems in structural dynamics and earthquake engineering and computational structural mechanics.