



Professor Dr.-Ing. Kai-Uwe Bletzinger

See:

<http://www.membranestructures.de/index.php?id=40>

<http://www.st.bv.tum.de/en/mitarbeiterinnen/kai-uwe-bletzinger/>

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Faculty of Civil Engineering and Surveying
Technical University of Munich

Research Interests:

Computational Mechanics, non-linear finite elements, plates and shells, structural optimization, form finding of membranes, fluid-structure-interaction of thin membrane structures, robust design

Personal Data: 1958 born in Stuttgart

Awards:

Preis der Freunde der Universität Stuttgart 1990 (dedicated to the three best doctoral theses of the year)
Förderpreis des Rotary Club Stuttgart, 1990
Ehrenring des VDI, 1995 (together with honorary membership of the German Association of Engineers, VDI)

Higher Education/Professional Activities:

1978-1984 Studies of Civil Engineering at the Universities of Stuttgart, Germany and Calgary, Canada
1984-1996 Co-worker of Prof. Dr.-Ing. Ekkehard Ramm at the Institut für Baustatik, University of Stuttgart, in the special research project 230 "Natural Structures - Lightweight Structures in nature and architecture" (Sonderforschungsbereich 230, Natürliche Konstruktionen - Leichtbau in Natur und Architektur), special subject: structural optimization
1990 Graduation as Dr.-Ing. Subject of the doctor thesis: "shape optimization of plate and shell structures"
1992-1996 Project director together with Prof. Dr.-Ing. Ekkehard Ramm of the project "optimization of natural structures" within the special research project 230
July 1996 Appointment as C3 Professor at the University of Karlsruhe in the field of "numerical methods in structural analysis"
October 1999 Appointment as C4 Professor at the Technical University of Munich, chair of structural analysis at the faculty of Civil Engineering and Surveying, Responsible member of the international and interdisciplinary Master of Science program "Computational Mechanics at the Technical University of Munich"

Memberships:

Verband Deutscher Ingenieure, VDI (Association of German Engineers, honorary membership)
American Society of Civil Engineers, ASCE
International Association for Shell and Spatial Structures, IASS
International Society of Structural and Multidisciplinary Optimization, ISSMO

Member of Editorial Board:

Computers and Structures
Applied Mechanics (Ingenieurarchiv)
Structural and Multidisciplinary Optimization