C U R R I C U L U M V I T A E

Private Lecturer Dipl.-Ing. Dr.techn.habil. Michael Reiterer
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Born July 14, 1974
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CURRENT POSITIONS

Private Lecturer at TU Vienna

Chairman of the Austrian Society for Earthquake Engineering and Structural Dynamics (OGE)

Founder, managing director and shareholder of the research-oriented company REVOTEC

Founder, managing director and shareholder of the company specialising in the development and distribution of intelligent components & structures REVOSYS

State-authorised engineering consultant for civil engineering

Generally sworn and judicially certified expert

EDUCATION

05/2022

TU VIENNA
Institute for Structural Dynamics and Risk Assessment of Supporting Structures / Habilitation Procedure

Habilitation Subject:	Structural Dynamics
Cumulative Habilitation:	Discussion and presentation of the scientific novelty of selected 6 major works (peer-reviewed publications German/English in the period 2006 to 2020)
Inclusion of additional works:	Presentation of 20 further supplementary works with the research focus "Structural Dynamics and Vibration Damping" German/English, published in the period 2008 to 2020

Habilitation (Private Lecturer, Venia Docendi)
Analytical, numerical and experimental investigation of vibration damper systems in civil engineering
(Technical supervision: o.Univ.Prof. Dipl.-Ing. Dr.techn. Christian Bucher)

11/2001 – 04/2005

TU VIENNA
Institute for General Mechanics and Structural Dynamics
University Assistant

Teaching the subjects:	Mechanics 1 und Mechanics 2
content of teaching:	Mechanics of solids and liquids (book Prof. Franz Ziegler)
consolidation in:	Construction mechanics, construction dynamics and measurement technology Vibration damping

Nonlinear vibrations
Fluid mechanics (hydro- and aerodynamics)

Dissertation
Vibration damping of building structures, especially bridges
(Supervisor: o.Univ.Prof. Dipl.-Ing. Dr.techn. Dr.h.c. Franz Ziegler; Second assessor: o.Univ.Prof. Dipl.-Ing. Dr.techn. Hans Irschik)

09/1997 – 11/2001 **TU VIENNA**
Civil Engineering

Core elements: Mechanics, strength of materials and structural analysis
Structural Dynamics and Earthquake Engineering

Diploma Thesis
Dynamic analysis of shear-loaded plates under singular load functions
(Supervisor: Ao.Univ.Prof. Dipl.-Ing. Dr.techn. Rudolf Heuer)

1997 **CAMILLO SITTE LEHRANSTALT**
Vienna Federal Institute of Technology and Research

Training in structural engineering, Abitur passed with distinction

EDUCATION

2014 **HAUTPVERBAND DER GERICHTSSACHVERSTÄNDIGEN**
Gerichtssachverständigenprüfung

Generally sworn and judicially certified expert

Certified for subject area:	72.61 Acoustic engineering and vibration control technology
In particular for:	Building dynamics and vibration protection Measurement and monitoring in civil engineering Non-destructive testing of structures

2008 **CHAMBER OF ARCHITECTS AND ENGINEERING CONSULTANTS**
Civil engineer examination
State-authorised engineering consultant for civil engineering

LANGUAGE SKILLS

English	Fluent in written and spoken English (completed courses at the Cambridge Institute)
German	native language

SPECIAL SOFTWARE SKILLS

MATLAB	very good user knowledge
SIMULINK	basic knowledge
MACEC	basic knowledge
FAMOS	very good user knowledge
INFOGRAPH	very good user knowledge
ANSYS	basic knowledge

CALL TO PROFESSORSHIPS GRANTED (Annex 1)

05/2018 **Call for the W2 professorship "Building Mechanics / Building Dynamics" University of Applied Sciences Dresden**
Appointment lecture: Teaching sample on the topic "Determination of normal stresses due to normal force and biaxial bending for symmetrical and asymmetrical cross-sections" and technical lecture on the topic "KOMET research project - Determination of the dynamic characteristic values of railway bridges"

Result: Call granted (rejected for family reasons)

APPOINTMENT PROCEDURE FOR PROFESSORSHIPS (Annex 2)

02/2018 **Helmut Schmidt University of the Federal Armed Forces Hamburg**
W3 Professorship for Statics and Dynamics
Faculty of Mechanical Engineering
Appointment lecture: Teaching rehearsal on the topic of "Energy methods for the calculation of elastic deformations in rod-shaped structures" and

technical lecture on the topic of "Damping and Monitoring of Engineering Structures"
Result: Rank 4 on the appointment list

CAREER PATH

01/2022 – dato

TU VIENNA
Private lecturer at the Institute for Structural Dynamics and Risk Assessment of Structures

Course: Applications of structural dynamics in building and bridge construction

01/2014 – dato

REVOTEC – REVOlutionary TECHnolgies
Research and development in construction and mechanical engineering; Engineering services in construction and mechanical engineering; Founder, Managing Director, Shareholder and Scientific Director
Main fields of activity: Structural dynamics, vibration engineering, vibration damping, vibration isolation, vibration protection, expert opinions

02/2017 – ongoing

Lecturer at the
UNIVERSITY OF APPLIED SCIENCE TECHNIKUM WIEN / Mechanical Engineering degree programme

Course: Kinematics and kinetics of multibody systems
Course: Vibration theory / Linear and non-linear vibrations
Course: Fluid mechanics

09/2009 – 03/2022

Lecturer at the
UNIVERSITY OF APPLIED SCIENCE ST. PÖLTEN / Railway Technology and Mobility degree programme

Course: Mechanics

06/2008 – 12/2013

RED Bernard – REsearch and Development
Research and development in construction and mechanical engineering; Engineering services in construction and mechanical engineering; Founder, Managing Director, Shareholder and Scientific Director
Tätigkeitsschwerpunkte: Baudynamik, Messtechnik, Monitoring, Schwingungsdämpfung, Schwingungsisolierung, Dauerschwingversuche, Erschütterungsschutz

05/2005 – 06/2008

BERNARD Ingenieure ZT GmbH
Ziviltechnikerbüro für Bauwesen
Statiker Brückenbau, Abteilungsleiter Baudynamik & Messtechnik

Main fields of activity: Static calculations of bridge structures, structural dynamics, measurement technology, monitoring, vibration damping, vibration isolation, permanent vibration tests, vibration protection

11/2001 – 05/2005

TU VIENNA

Institute for General Mechanics
University Assistant
PhD Programme

Teaching the subjects:	Mechanics 1 und Mechanics 2
content of teaching:	Mechanics of solids and liquids (book Prof. Franz Ziegler)

03/1994 – 09/1997

STRABAG AG
Construction Company
Construction Employee

Main fields of activity:	Calculation and preparation of offers for construction projects, construction management, invoicing

AWARDS AND PRIZES

09/2013

Nomination for the € 120,000 endowed
HOUSKA PRIZE of the B&C Private Foundation
Project: **MOSES** – MOnitoring System for Engineering Structures
Result: 4th place out of all approx. 100 applicants, prize money € 10,000

11/2004

Nomination for the € 7,000 endowed
DR. ERNST FEHRER PRIZE
Project: Dissertation "Vibration Damping of Building Structures"
Result: Selected by the Faculty of Civil Engineering to give a technical lecture

ANNEX 1: CALL TO PROFESSORSHIPS GRANTED

Hochschule für
Technik und Wirtschaft
Dresden
University of Applied Sciences

Rektor

HTW Dresden · PF 120701 · 01008 Dresden · Deutschland

Herrn Dr. Michael Reiterer
Kaisergartengasse 8/1/19
A-1030 Wien

Bearbeiter: Corina Weissbach

Telefon: +49 351 462-2397
Fax: +49 351 462-2185
E-Mail: corina.weissbach@htw-dresden.de

Ihre Nachricht vom	Ihr Zeichen	Unser Zeichen	Datum
		B/DD B 07/1	29.05.2018

Ruf auf die W2-Professur "Baumechanik/Baudynamik"

Sehr geehrter Herr Dr. Reiterer,

die Fakultät Bauingenieurwesen/Architektur hat mir die Berufungsliste für die Besetzung der o. g. Professur vorgelegt und Sie zur Berufung vorgeschlagen. Diesem Vorschlag habe ich mich angeschlossen.

Ich beglückwünsche Sie herzlich zu Ihrer erfolgreichen Bewerbung und erteile Ihnen hiermit den Ruf auf die W2-Professur

"Baumechanik/Baudynamik"

an der Hochschule für Technik und Wirtschaft Dresden.

Ich wäre Ihnen dankbar, wenn Sie mir bis 20.06.2018 mitteilen würden, ob Sie grundsätzlich bereit sind, den Ruf anzunehmen.

Mit freundlichen Grüßen

Prof. Dr.-Ing. habil. Roland Stenzel

ANNEX 2: APPOINTMENT PROCEDURE FOR PROFESSORSHIPS

HELMUT SCHMIDT UNIVERSITÄT
Universität der Bundeswehr Hamburg

Helmut-Schmidt-Universität, Postfach 700822, 22008 Hamburg

Herr
Dr. techn. Michael Reiterer
Kaisergartengasse 8/1/19
A-1030 Wien

Verwaltung

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boeschen@bundeswehr.org

Internet
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Hamburg, 13.05.2019

BETREFF **Berufungsverfahren Professur W 3 „Statik und Dynamik“**
hier: Listenplatzierung

Sehr geehrter Herr Dr. techn. Reiterer,

gerne bescheinige ich Ihnen, dass Sie im Auswahlverfahren für die Besetzung der Professur W3 „Statik und Dynamik“ in der Fakultät für Maschinenbau an der Helmut-Schmidt-Universität/Universität der Bundeswehr Hamburg auf Platz 4 der Berufungsliste ausgewählt worden sind.

Mit freundlichem Grüßen
Im Auftrag

Böschen

Helmut-Schmidt-Universität
Universität der Bundeswehr
Hamburg

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22043 Hamburg

Postanschrift:
Postfach 700822
22008 Hamburg

Wien am 04.09.2023