

Professional Experience

- **FULL PROFESSOR, Head of the Institute of Robotics, since Oct. 2014**
Chair for Robotics, Johannes Kepler University, Linz, Austria
- **ASSOCIATE PROFESSOR, Sep. 2013 – Sep. 2014**
Uni. of Michigan - Shanghai Jiao Tong Uni. Joint Institute, Shanghai, China
- **DEPUTY MANAGER, Jan. 2012 – Aug. 2013**
Institute of Mechatronics e.V., Chemnitz, Germany
- **SENIOR LECTURER 2008 – 2011**
Chair of Mechanics and Robotics, University Duisburg-Essen, Germany
- **RESEARCH ASSOCIATE 1998 – 2008**
Institute of Mechatronics e.V., Chemnitz, Germany
- **SERVICE TECHNICIAN 1991 – 1992**
Niggemann Microcomputer GmbH, Alfeld, Germany
- **MAINTENANCE TECHNICIAN 1990 – 1991**
Homanit GmbH & CO KG, Herzberg, Germany
- **ELECTRONIC TECHNICIAN 1989 – 1990**
Fernmeldetechnik GmbH, Nordhausen, Germany

Education and Qualifications

- **HABILITATION (DEGREE: DR.-ING. HABIL.) 2011**
University Duisburg-Essen, Germany
- **DOCTORATE (DEGREE: DR.-ING.) 2004, completed with honor (Summa Cum Laude)**
Chemnitz University of Technology, Chemnitz, Germany
- **DEGREE IN MECHANICAL ENGINEERING (DIPL.-ING. equivalent to MSc) 1998 – 2000**
Chemnitz University of Technology, Chemnitz, Germany
Thesis on “Some kinematical and dynamical aspects of parallel structures”
- **DEGREE IN ELECTRICAL ENGINEERING (DIPL.-ING. (FH)) 1993 – 1997**
University of Applied Sciences Mittweida (FH), Germany/Uni of Northumbria at Newcastle, UK
- **DEGREE IN APPLIED MATHEMATICS (DIPL.-MATH. (FH)) 1993 – 1997**
University of Applied Sciences Mittweida (FH), Germany
- **TRAINING AS ELECTRONIC TECHNICIAN 1987 – 1990**
Mikroelektronik GmbH, Erfurt, Germany

Editorial Board Member

- IEEE Transaction of Robotics – Associate Editor (since 2012)
- ASME Journal for Mechanisms and Robotics (ISSN: 1942-4302) – Associate Editor (since 2011)
- Mechanism and Machine Theory (ISSN: 0094-114X) – Associate Editor (2012 - 2015)
- Mechanical Sciences, Open Access Journal, Copernicus.org (ISSN: 2191-9151) – Associate Editor (since 2011)
- Editorial Board, Book series “Science and Technologies for Robotics” of the Higher Education Press (HEP) of China

Reviewer for International Scientific Organizations

- Chartered independent expert for European Union Framework Programme 7 ECHORD evaluation
- Chartered independent expert for the Natural Sciences and Engineering Research Council of Canada (NSERC)
- Chartered independent expert for the Czech Science Foundation – Grantová Agentura České Republiky (GA ČR)
- Appointed reviewer for Mathematical Reviews (AMS), Reviewer Number: 095161
- German Resarch Council / Deutsche Froschungsgemeinschaft (DFG)

Scientific Board Member

- ASME Technical Committee on Mechanisms and Robotics, since October 2012
- ASME Technical Committee on Multibody Systems and Nonlinear Dynamics, since 2010
- Representative for the European Commission on a series of visits to the major robotics labs in the USA and Canada in October 2011
- Representative for the European Commission on a series of visits to the major robotics labs in Japan, Korea, and China in June 2012
- Elected Member of Österreichisches Nationalkomitee für Theoretische und Angewandte Mechanik, since 2015
- FToMM Technical Committee on Computational Kinematics, since 2015
- FToMM Technical Committee on Multibody Systems, since 2015

Organization of Scientific Events

- Organizer or coorganizer of 31 conferences and symposia
- Member of 45 international conference committees

Publications

- 69 Publications in international journals
- 154 Peer reviewed papers in international conferences
- 62 Invited talks/keynotes
- 2 Books
- 13 Book chapters
- 5 Edited books
- Editor of 7 special issues in international journals