

Chair Numerical Optimization
Department of Mathematics and Statistics
University of Konstanz
Universitätsstr. 10, D-78457 Konstanz, Germany
Email: Stefan.Volkwein@uni-konstanz.de

Phone: +49 / 7531 / 88 2374
Fax: +49 / 7531 / 88 4797
Phone (Secretary): +49 / 7531 / 88 2572

www.math.uni-konstanz.de/numerik/personen/volkwein

1. Scientific Career

1990 Prediploma in Mathematics
1993 Diploma in Applied Mathematics (Dipl.-Math. techn.)
1997 PhD in Mathematics (Dr. rer. nat.)
2001 Habilitation in Mathematics (Dr. habil.)
03/94-04/97 Research Assistant, Department of Mathematics, TU Berlin
05/97-09/01 Research Assistant, Institute for Mathematics and Scientific Computing,
University of Graz
10/01-03/09 Associate Professor, Institute for Mathematics and Scientific Computing,
University of Graz
10/03-06/04 Substitute of the Chair of Numerical Mathematics, Institute for Mathematics,
TU Graz
05/08-03/09 Key researcher at the Competence Center The Virtual Vehicle, Graz
Since 04/09 Full Professor (W3), University of Konstanz
Since 10/2012 Speaker of the network Wissenschaftliches Rechnen Baden-Württemberg

2. Awards, Calls, etc.

1991-92 Scholarship Studienstiftung des Deutschen Volkes
05/2009 Appointment to a Professorship *Mathematics, in particular Optimization*,
University of Hamburg (rejected)
012/2015 Appointment to a Professorship *Mathematical Optimization and Inverse Problems*,
University of Stuttgart (rejected)
012/2016 Appointment to a Professorship *Numerical Mathematics*,
University of Trier (rejected)

3. Research Interests

- PDE constrained optimization
- Numerical methods for optimal control problems
- Proper orthogonal decomposition
- Parameter estimation
- Reduced-order modelling
- Nonlinear optimization in science, engineering and real applications

4. Editorial Activities

Since 2015 Associate Editor of the book series *SIAM Advances in Design and Control book series*
Since 2016 Associate Editor of the journal *Advances in Computational Mathematics (ACOM)*
Since 2016 Associate Editor of the journal *Mathematical Control and Related Fields (MCRF)*