

Short CV for Prof. Dr. –Ing Martin Böhle

Personal Information

Name: Martin Böhle

Gender: Male

Date of Birth: August 16, 1961

Educational Background

PhD: 1987.9-1993.7 Faculty Mechanical Engineering, TU Braunschweig, Germany.
PhD Thesis: Sensitivity Analysis of the Chemical Behaviour of Reentry Flows in Thermodynamical Non-Equilibrium.

Diplom: 1982.10-1987.8 Faculty Mechanical Engineering, TU Braunschweig, Germany. Major: Mechanical Engineering

Career

Scientific Assistant: 1987.8-1994.7 Institute of Fluid Mechanics of TU Braunschweig.

Development Engineer for Impeller: 1994.8-1997.2 SIHI-Halberg Maschinenbau GmbH Pumps

Development Engineer for Suction Systems of Internal Combustion Engines: 1997.3-1997.9 Mann- und Hummel GmbH

Full Professor: 1997.10–2008.9 Institute of Fluid Mechanics and Turbomachinery, University Wuppertal

W3-Professor for Fluid Mechanics and Turbomachinery: 2008.10-now Institute of Fluid Mechanics and Turbomachinery, TU Kaiserslautern

Function

DFG:Organisator of the Meeting for German professors“Pumps, Fans, Compressors“ and Speaker of the German DFG-Group “Fluid-Energy-Machines”

Conference Committee: International Conference on Pumps and Fans, International Rotating Equipment Conference, International Symposium on Transport Phenomena and Dynamics of Rotating Machinery

Academic Consultant: CFturbo® Software & Engineering GmbH

University:

2001.10-2003.9 Dean of Faculty Mechanical Engineering of University Wuppertal

2003.10-2007.9 Head of Faculty Mechanical Engineering of University Wuppertal

2005.10-2008.9 Member of Senate of University Wuppertal

2011.5-now Dean for Study of Department of Mechanical Engineering, TU Kaiserslautern

Publication List

1. Conrad D, Schneider A, Böhle M*. A viscosity adaption method for Lattice Boltzmann simulations. *Journal of Computational Physics*, 276: 681-690, 2014 (SCI Index, IF 2.485)
2. Böhle M*, Frey, T. Numerical and experimental investigations of the three-dimensional-flow structure of tandem cascades in the sidewall region. *ASME Journal of Fluids Engineering*, 071102, 2014 (SCI Index)
3. Reviol T, Kluck S, Böhle M*. Extension of the design procedure for mixers and application on a propeller-viscosimeter. *Chemie Ingenieur Technik*, 86(8): 1230-1240, 2014. (SCI Index)