

Curriculum Vitae

Personal data Hans-Jürgen Odenthal, born 1964, married, three children

Education

1974 - 1983 Bodelschwingh-Gymnasium Herchen; Abitur
1984 - 1987 Mechanical Engineering, University of Applied Sciences Cologne (RFH); Dipl.-Ing.
1987 - 1991 Mechanical Engineering, University of Siegen; Dipl.-Ing.

Academic positions

1991 - 1997 Research Assistant – Institute for Fluid- and Thermodynamics,
Faculty of Mechanical Engineering, University of Siegen
1996 Dr.-Ing. (car aerodynamics)
1998 - 2005 Senior Engineer & Head of Working Group Fluid Mechanics –
Department for Industrial Furnaces and Heat Engineering,
Faculty of Georesources and Materials Engineering, RWTH Aachen University
2004 Associate Professor (Priv.-Doz.)
habilitation and *venia legendi* for High Temperature Fluid Mechanics
2010 Adjunct Professor (apl. Prof.)
Faculty of Georesources and Materials Engineering, RWTH Aachen University

Industrial positions

1997 - 1998 R&D Engineer – BMW Rolls-Royce AeroEngines GmbH, Dahlewitz
> 2005 Several positions in R&D Division of SMS group GmbH, Düsseldorf;
Currently Head of Flow Simulation, Structural Analysis & Materials Technology

Activities and memberships

- Chairman of the technical committee *Fluid Mechanics and Fluid Flow Simulation* of the German Steel Institute (VDEh)
- Member of VDEh and advisory board *steel research international*
- 160 publications, various patents, best paper awards, keynote presentations, conference co-ordinations/chairs, dissertation and diploma expertises

Teaching appointments

Regular lectures at the Department for Industrial Furnaces and Heat Engineering,
Faculty of Georesources and Materials Engineering, RWTH Aachen University:

- Simulation of High Temperature Processes (summer term, since 2004)
- Introduction to the Finite Volume Method (winter term, since 2010)