

## 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;  
Head of Flow Simulation, Structural Analysis & Materials Technology

### Activities and memberships

2007 - 2018 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)