

Prof. Dr.-Ing. Rainer Helmig
Habilitationen / Haupt- und Mitberichter
Habilitation / Main and Co-supervisor

1. Dr.-Ing. Peter Milbradt (2000) (Uni Hannover): Algorithmische Geometrie in der Bauinformatik
2. Dr.-Ing. Christian Forkel (2001) (RWTH Aachen): Numerische Grundlagen für die Wasserbaupraxis -Grundlagen, Anwendungen und Qualitätsansprüche
3. Dr.-Ing. Manfred Krafczyk (2001) (TU München): Gitter-Boltzmann-Methoden: Von der Theorie zur Anwendung
4. Dr.-Ing. Olaf Cirpka (2002) (Uni Stuttgart): Dilution and mixing of solutes in soils and aquifers
5. Dr.-Ing. Baldur Barczewski (2002) (Uni Stuttgart): Messverfahren für Strömungs- und Transportvorgänge in der Umwelt
6. Dr. Raimund Bürger (2002) (Uni Stuttgart): On mathematical models for the solid-liquid separation of suspensions: strongly degenerate convection-diffusion problems, conservation laws with discontinuous flux, and systems of conservation laws
7. Dr. Reinhard Hinkelmann (2003): Efficient numerical methods and information-processing techniques in environment water
8. Dr. Anis Younes (2005) (Uni Strasbourg) Contribution à la modélisation des transferts d'eau, de masse et d'énergie dans les milieux poreux hétérogènes (24.06.2005)
9. Dr. Sebastian Bauer (2006) (Uni Tübingen): Process based numerical modelling as a tool for aquifer characterisation and groundwater quality evaluation
10. Dr. Insa Neuweiler (2007) (Uni Stuttgart): Scale dependence of flow and transport parameters in porous media (15.01.2007)
11. Dr. Holger Class (2008) (Uni Stuttgart): Models for non-isothermal compositional gas-liquid flow and transport in porous media (16.06.2008)
12. Dr. Bernd Markert (2010) (Uni Stuttgart): Weak or strong: On coupled problems in continuum mechanics (09.06.2010)
13. Dr. Jennifer Niessner (2010) (Uni Stuttgart): The role of interfaces in porous medium flow – bridging scales and coupling models (28.06.2010)
14. Dr. Miriam Mehl (2010) (TU München): A combination of efficient numerical and computer science methods for the simulation of fluid-dynamics applications
15. Dr. Peter Mewis (2012) (TU Darmstadt): Numerische Simulation der Hydromechanik von Fließgewässern (12.12.2012)

16. Dr. Bernd Flemisch (2013) (Uni Stuttgart): Tackling coupled problems in porous media: Development of numerical models and an open source simulator (18.07.2013)
17. Dr. Sergey Oladyshkin (2014) (Uni Stuttgart): Model reduction for complex flow and transport in the subsurface (28.02.2014)
18. Dr. Daniel Meyer (2014) (ETH Zürich): Stochastic modeling in fluid dynamics (04.04.2014)
19. Dr. rer.nat. Holger Ott (2015) (RWTH Aachen): CO₂-brine primary displacement in saline aquifers: experiments, simulations and concepts (15.07.2015)
20. Dr. Marwen Fahs (2016) (Uni Strasbourg): Numerical modeling of water flow, mass and heat transfer in natural porous media (21.12.2016)
21. Dr. rer.nat. Tobias Köppl (2020) (TU München): Model reduction techniques for simulating complex flow processes (23.07.2020)