

## Doctoral theses supervised by Rainer Helmig

- 1) Hussam Sheta (1999) Uni Stuttgart: Simulation von Mehrphasenvorgängen in porösen Medien unter Einbeziehung von Hysterese-Effekten (23.06.1999)
- 2) Ralf Huber (1999) TU Braunschweig: Immiscible and compositional multiphase flow and transport in heterogenous porous media: simulation, formulation and numerical simulation
- 3) Christopherus Braun (2000) Uni Stuttgart: Ein Upscaling-Verfahren für Mehrphasenströmungen in porösen Medien (23.02.2000)
- 4) Holger Class (2000) TU Braunschweig: Theorie und numerische Modellierung nichtisothermer Mehrphasenprozesse in NAPL-kontaminierten porösen Medien (9.10.2000)
- 5) Stefan Lang (2001) Uni Stuttgart: Parallele numerische Simulation instationärer Probleme mit adaptiven Methoden auf unstrukturierten Gittern (20.07.2001)
- 6) Annette Silberhorn-Hemminger (2002) Uni Stuttgart: Modellierung von Kluftaquifersystemen: Geostatistische Analyse und deterministisch-stochastische Kluftgenerierung (22.02.2002)
- 7) Lina Neunhäuserer (2003) Uni Stuttgart: Diskretisierungsansätze zur Modellierung von Strömungs- und Transportprozessen in geklüftet-porösen Medien (10.02.2003)
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- 9) Hartmut Jakobs (2003) Uni Stuttgart: Simulation nicht-isothermer Gas-Wasser-Prozesse in komplexen Kluft-Matrix-Systemen (05.12.2003)
- 10) Kenichiro Kobayashi (2004) Uni Stuttgart: Optimization methods for multi-phase systems in the subsurface. Application to methane migration in coal-mining areas (09.07.2004)
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- 12) Mia Süß (2004) Uni Stuttgart: Analysis of the influence of structures and boundaries on flow and transport processes in fractured porous media (10.12.2004)
- 13) Asie Kemal Jabir (2004) Uni Stuttgart: Finite volume models for multiphase multicomponent flow through porous media (13.12.2004)
- 14) Mohammed Arifur Rahman (2004) Uni Stuttgart: Experimental investigations on transverse dispersive mixing in heterogeneous porous media (20.12.2004)
- 15) Thomas Breiting (2005) Uni Stuttgart: Techniken und Methoden der Hydroinformatik - Modellierung von komplexen Hydrosystemen im Untergrund (08.07.2005)
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- 20) Alexandros Papafotiou (2008) Uni Stuttgart: Numerical investigations of the role of hysteresis in heterogeneous two-phase flow systems (25.02.2008)
- 21) Anongnart Assteerawatt (2008) Uni Stuttgart: Flow and transport modelling of fractured aquifers based on a geostatistical approach (21.07.2008)

- 22) Sandra Freiboth (2008) Uni Stuttgart: A phenomenological model for the numerical simulation of multiphase multicomponent processes considering structural alterations of porous media (18.12.2008)
- 23) Anozie Ebigbo, Uni Stuttgart: Modelling of biofilm growth and its influence on CO<sub>2</sub> and water (two-phase) flow in porous media (25.05.2009)
- 24) Andreas Kopp, Uni Stuttgart: Evaluation of CO<sub>2</sub> injection processes in geological formations for site screening (28.05.2009)
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- 40) Sina Ackermann (2020) Uni Stuttgart: A multi-scale approach for drop/porous-medium interaction (19.06.2020)