

Symposium

on Multiphase Flow and Transport Processes in Porous Media: Contributions to the Modelling of Hydrosystems

Farewell Symposium for Rainer Helmig



Friday, 22 March 2024
Pfaffenwaldring 47, Aula 47.02 and Foyer

| Opening | 2:00 pm

Wolfram Ressel

Rector of the University of Stuttgart

Wolfgang Nowak

Head of the Institute for Modelling Hydraulic and
Environmental Systems

Steffen Staab

Spokesperson EXC 2075 „Data-Integrated Simulation
Science“

Holger Steeb

Spokesperson SFB 1313 „Interface-Driven Multi-Field
Processes in Porous Media“

Majid Hassanizadeh

Managing Director of InterPore

| Scientific Program | 2:45 pm

Introduction

Olaf Cirpka, University of Tübingen

„The long journey leaving finite elements“

Peter Bastian, Heidelberg University

„Numerical solution methods for simulating single and
multiphase porous media flow“

Insa Neuweiler, University Hannover

„Multi-multi, upscaling of porous media flow,
multi-scale, multi-physics“

Coffee Break

Klaus Mosthaf, TU Denmark

„Coupling porous media and free flow“

Michael Celia, Princeton University

„Applications of porous media are everywhere:
Nuclear waste, CO₂ storage, soil salinization, fracking,
fuel cells, and bio-materials“

Closing Remarks

| Dinner | from 6:30 pm



Universität Stuttgart



SFB 1313

More Information:

