# WORKGROUP FOR
# MULTIPHAS FLOWS

## Projects

Here you will find an overview of our current projects.

Analysis of flow field and turbulence predictions in a lung model and consequences for particle deposition

Potentials and Constraints for the application of CFD to dry powder inhalers

Modelling the influence of bubble dynamics on motion, mass transfer and chemical reaction

Investigation of gas-liquid-solid three-phase flows coupled with particle-bubble interaction, particle-turbulence interaction and bubble-induced turbulence for bubble column reactors

Drop Particle

Generalized modelling of droplet collisions in the frame of Euler/Lagrange calculations