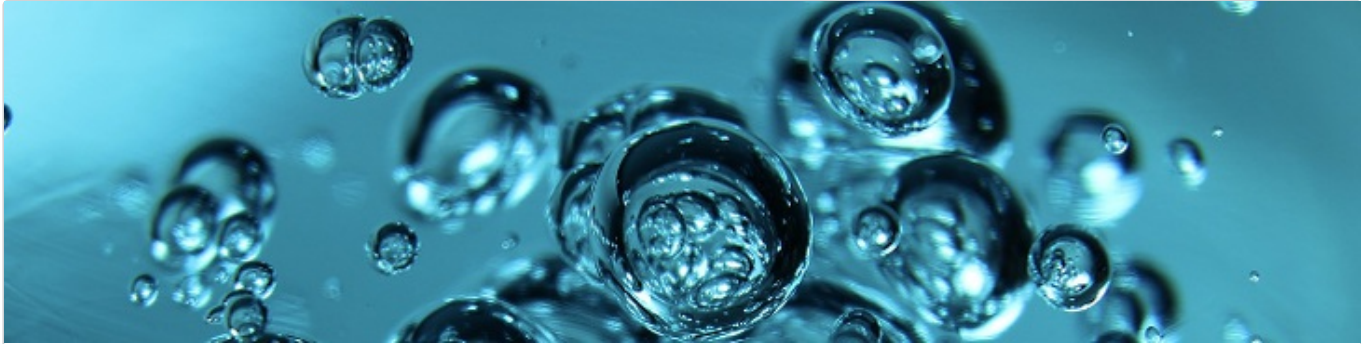


## WORKGROUP FOR MULTIPHASE FLOWS



### Bubble flows

#### Current Projects:

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

([https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/Modelling+the+influence+of+bubble+dynamics+on+motion+\\_+mass+transfer+and+chemical+reaction-p-216.html](https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/Modelling+the+influence+of+bubble+dynamics+on+motion+_+mass+transfer+and+chemical+reaction-p-216.html))

- › Modeling a bubble column (<https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/Modeling+a+bubble+column.html>)

#### Completed Projects:

- › Aerated stirred tanks (<https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/Aerated+stirred+tanks.html>)

- › Interaction of bubbles in bubble swarm

(<https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/Interaction+of+bubbles+in+bubble+swarm.html>)

- › Turbulence in bubble flows (<https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/Turbulence+in+bubble+flows.html>)

- › 3-phase flows ([https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/3\\_phase+flows-p-132.html](https://www.mps.ovgu.de/mps/en/Research/Multiphase+Flows/Bubble+flows/3_phase+flows-p-132.html))

