OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG

WORKGROUP FOR MULTIPHAS FLOWS

Welcome to the homepage of the multi-phase flow working group

The multi-phase flow working group was founded at the beginning of 2017 and consists of employees of the former Chair of Mechanical Process Engineering at the Martin-Luthur-Universität Halle-Wittenberg.

The team around martin sommerfeld, should put in future in the area of teaching and research in the field of multi-phase flow ne accents.

Research priorities

- Multi-phase flows
- Particle technology
- Numerical calculations

Simulation techniques and technology

Various experimental systems, high-quality measurement methods and numerical simulation programs are used to realize the research projects.

- Euler-Lagrange-approach
- Latttice-Boltzmann-approach
- Experimental facilities

Teaching

- Multiphase Flow Fundamentals