

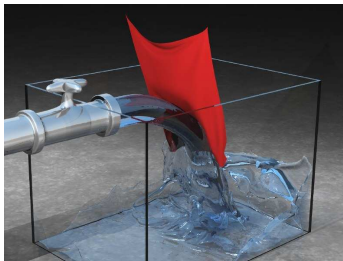
VOF LBM

- ⊕ Efficient Basic Algorithm
- ⊕ Mass Conservation
- ⊖ Time Step Restrictions
- ⊖ High Memory Requirement



Level Set NS

- ⊕ Smooth Surface Representation
- ⊕ Large Time Step Sizes
- ⊖ Requires Auxiliary Particles
- ⊖ Global Pressure Correction Step



SPH Solver

- ⊕ No Grid Necessary
- ⊕ Particle Based Method
- ⊖ Compressibility
- ⊖ Smoothing of Particle Kernels

