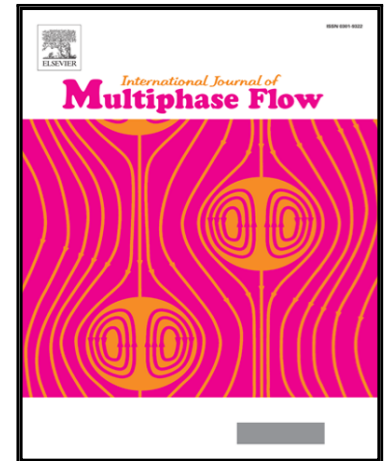


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Simulations of Bubble Growth and Interaction in High Viscous Fluids
using the Lattice Boltzmann Method

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Highlights

- Bubble growth and interaction in high viscous fluids are simulated with the LBM.
- Free Surface and Volume of Fraction tracking method combined show good results.
- A LB scaling way is proposed to deal with high viscous fluids.
- The pressure model adopted allows to simulate different process conditions.
- Final structure, dough and bubbles diameters and lamellas thickness can be simulated.

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