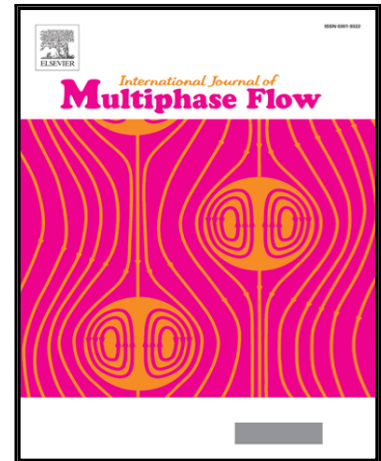


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Visualization of bubble coalescence in bubble chains rising in a liquid metal

O. Keplinger , N. Shevchenko , S. Eckert

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## Highlights

- X-ray radiography combined with high-speed video imaging was used to visualize the processes of bubble interaction in opaque liquid metals.
- The processes of bubble approach, collision and coalescence were found to proceed in a qualitatively similar way as for the case of water or highly viscous fluids.
- The observations indicate that the turbulent flow in the immediate vicinity of the bubbles has an important influence on whether coalescence occurs or not.

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