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Measurement of liquid-vapor phase distribution on nano- and microstructured boiling surfaces

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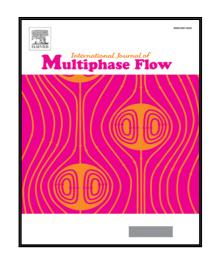
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#### ACCEPTED MANUSCRIPT

### Highlights

- Visualization of liquid-vapor phase distribution on structured boiling surfaces.
- Measurement of fundamental boiling parameters at the level of individual bubbles.
- Examination of nano/micro-scaled surface structure effects on boiling mechanisms.

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