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Statistical characterization of interfacial waves in turbulent stratified gas-liquid pipe flows

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Hlghlights

- Experimental study of stratified gas-liquid flow.
- Combination of PIV, Conductance Probes and Hot Wire.
- Visualization of wave-shed eddies in gas-phase.
- HW and CP spectra show low-frequency fluctuations in gas are due to waves.
- HW-spectra indicate possible interaction between gas-turbulence and waves.

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