

FDRG Seminar

Kinetics of Liquid Entrainment in Gas Flows

presented by

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The detachment of liquid droplets from bulk fluids or surfaces by airflow forces is a topic relevant to many fields, which has received significant attention by researchers.

Nevertheless, much remains unknown about the kinetics of such entrainment - especially for non-aqueous liquids. Furthermore, the accurate measurement of entrained droplets remains a significant challenge in many application areas.

A new device, developed at Karlsruhe Institute of Technology will be presented, which allows entrained liquid droplets to be counted and sized in real-time. Measurement results from experiments examining reentrainment from porous structures such as mist filters will also be presented. The correlation of reentrainment rates and sizes with residual fluid patterns on porous media will also be discussed.

Date: Friday 6th December
Time: 4pm – 5pm
Location: 216:207
Curtin University, Bentley Campus

No RSVP required. For queries please email:
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