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Title: Modelling of mass transfer in Taylor flow: investigation with the PLIF-I technique

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Highlights

by Anne-Marie Billet, Emmanuel Cid and Colin Butler, authors of:
CHERD-D-16-00357 - "MODELLING OF MASS TRANSFER IN TAYLOR FLOW:
INVESTIGATION WITH THE PLIF-I TECHNIQUE"

- PLIF-I investigation is applied to Taylor flow in circular channel for the first time
- New data on mass transfer between bubbles and slugs in Taylor flow is obtained
- Model for separate contributions of bubble caps and lubrication films is proposed
- Model if separate contributions requires knowledge of basic flow characteristics

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