Accepted Manuscript

Investigation of Local Gas Holdup and Bubble Dynamics using Four-Point Optical Probe Technique in a Split-Cylinder Airlift Reactor

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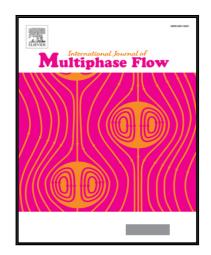
PII: S0301-9322(17)30038-1

DOI: 10.1016/j.ijmultiphaseflow.2017.12.001

Reference: IJMF 2691

To appear in: International Journal of Multiphase Flow

Received date: 16 January 2017 Revised date: 3 December 2017 Accepted date: 4 December 2017



Please cite this article as: Aastha Ojha, Investigation of Local Gas Holdup and Bubble Dynamics using Four-Point Optical Probe Technique in a Split-Cylinder Airlift Reactor, *International Journal of Multiphase Flow* (2017), doi: 10.1016/j.ijmultiphaseflow.2017.12.001

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Highlights

- Local gas holdup and bubble dynamics were studied in a split airlift reactor
- No axial variation of gas holdup or interfacial area was observed in the riser
- The gas holdup and interfacial area decreased axially in the downcomer



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