

Accepted Manuscript

Title: Global characterization of hydrodynamics and gas-liquid mass transfer in a thin-gap bubble column intended to microalgae cultivation

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PII: S0255-2701(17)30633-5
DOI: <https://doi.org/10.1016/j.cep.2017.10.009>
Reference: CEP 7093

To appear in: *Chemical Engineering and Processing*

Received date: 3-7-2017
Revised date: 22-9-2017
Accepted date: 9-10-2017

Please cite this article as: Charlène Thobie, Emilie Gadoin, Walid blel, Jérémy Pruvost, Caroline Gentric, Global characterization of hydrodynamics and gas-liquid mass transfer in a thin-gap bubble column intended to microalgae cultivation, Chemical Engineering and Processing <https://doi.org/10.1016/j.cep.2017.10.009>

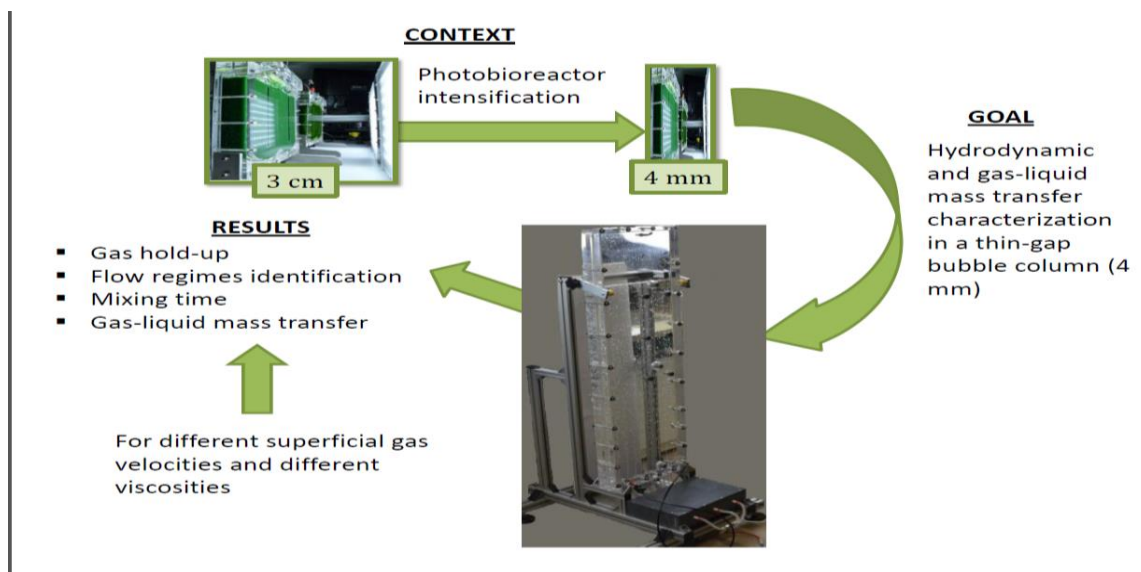
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Global characterization of hydrodynamics and gas-liquid mass transfer in a thin-gap bubble column intended to microalgae cultivation

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Graphical abstract



Highlights :

- Hydrodynamic characterization of a thin-gap bubble column
- Transition and heterogeneous regimes appear for low superficial gas velocities
- Mixing is quite poor for low gas superficial velocities

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