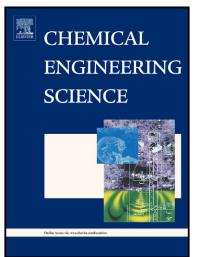
## Author's Accepted Manuscript

Finite size Lagrangian particle tracking approach to simulate dispersed bubbly flows

Hassan Badreddine, Yohei Sato, Bojan Niceno, Horst-Michael Prasser



www.elsevier.com/locate/ces

PII:S0009-2509(14)00541-7DOI:http://dx.doi.org/10.1016/j.ces.2014.09.037Reference:CES11897

To appear in: Chemical Engineering Science

Received date: 3 June 2014 Revised date: 8 September 2014 Accepted date: 23 September 2014

Cite this article as: Hassan Badreddine, Yohei Sato, Bojan Niceno, Horst-Michael Prasser, Finite size Lagrangian particle tracking approach to simulate dispersed bubbly flows, *Chemical Engineering Science*, http://dx.doi.org/10.1016/j. ces.2014.09.037

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## Title:

Finite size Lagrangian particle tracking approach to simulate dispersed bubbly flows

## Authors

(1) Hassan Badreddine\*

Laboratory for Thermal Hydraulics, Nuclear Energy and Safety Research Department, Paul Scherrer Institute, Villigen PSI, 5232, Switzerland

(2) Yohei Sato

Laboratory for Thermal Hydraulics, Nuclear Energy and Safety Research Department, Paul Scherrer Institute, Villigen PSI, 5232, Switzerland

(3) Bojan Niceno

Laboratory for Thermal Hydraulics, Nuclear Energy and Safety Research Department, Paul Scherrer Institute, Villigen PSI, 5232, Switzerland

(4) Horst-Michael Prasser

Laboratory for Thermal Hydraulics, Nuclear Energy and Safety Research Department, Paul Scherrer Institute, Villigen PSI, 5232, Switzerland Laboratory of Nuclear Energy Systems, Department of Mechanical and Process Engineering, ETH Zurich

\*Corresponding author: Hassan Badreddine, Tel.: +41 (0)56 310 57 53; fax: +41 (0)56 310 44 81; E-mail address: hassan.badreddine@psi.ch Nuclear Energy and Safety Research Department, Paul Scherrer Institute Villigen PSI, 5232, Switzerland Download English Version:

## https://daneshyari.com/en/article/6590671

Download Persian Version:

https://daneshyari.com/article/6590671

Daneshyari.com