



Du
12
DÉC.
2016
au
13
DÉC.
2016

08h00
-
18h00

TOUT PUBLIC

Numerical Modeling of Liquid-Vapor Interfaces in Fluid Flows

Institut Henri Poincaré
Amphi Hermite
11 Rue Pierre et Marie Curie, 75005 Paris, France

INSCRIPTION

Flows with liquid-vapor transfer occur at many different scales in the atmosphere as well as in many industrial processes. It would be interesting to have a general review of the topic before focusing on the simpler geometry involving a single liquid-vapor interface. An objective of the workshop will be to discuss the relative merits and to compare different numerical methods (if the single liquid-vapor interface is still too complex, the comparison could be made on a liquid-gas interface without mass transfer). It could be also interesting to find clear-cut problems in order to make quantitative comparisons between different models or with experimental results.

The registration is free of charge but mandatory. Lunch and coffee break will be offered.

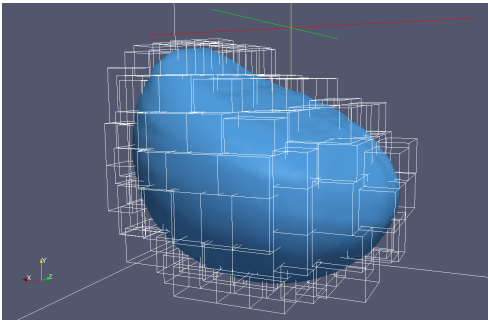
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Where : [Institut Henri Poincaré](#), Paris, France ([map here](#)).

When : december 12-13, 2016.

Program (pdf) : [see here](#) .

Registration : [see here](#) .

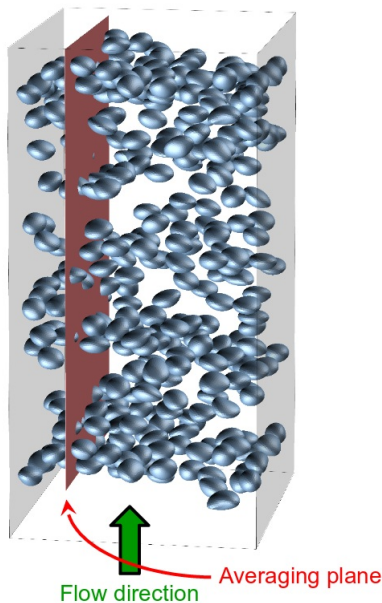


A 3D bubble with Adaptive Mesh Refinement

(A. Talpaert - CEA Paris-Saclay)

Invited speakers :

- Marie Béchereau (Ecole normale supérieure de Cachan, Paris-Saclay)
- Guillaume Bois (CEA Paris-Saclay)
- Hélène Mathis (Université de Nantes)
- Richard Saurel (Université d'Aix-Marseille)
- Arthur Talpaert (CEA et Ecole Polytechnique, Paris-Saclay)
- Laurette Tuckerman (Ecole Supérieure de Physique et de Chimie Industrielle de Paris)
- Stéphane Zaleski (Université Pierre et Marie Curie, Paris)



3D bubbles with averaging plane

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HORAIRES

L'institut :

- lundi au vendredi de 8h30 à 18h,
- fermé les jours fériés.

Le musée - Maison Poincaré :

- lundi, mardi, jeudi et vendredi de 9h30 à 17h30,
- samedi de 10h à 18h,
- fermé le mercredi et le dimanche.