

Simulation Hydrodynamique et Transferts



Component
École Nationale
Supérieure
d'Électrotechnique
d'Électronique

In brief

- **Amety's Code:** N8EM09A
- **Open to exchange students:** No

Presentation

Description

- Session 1: Introduction and first examples
- Session 2: Natural convection in a square
- Sessions 3 to 5: Mass transfer around a clean or contaminated rising bubble (Project - 3*2h)
- Session 3: modelling of the hydrodynamics of the rising bubble (cases of both a clean and a contaminated bubble)
- Session 4: Coupling with mass transfer from the gas to the liquid phase
- Session 5: Coupling of mass transfer with a chemical reaction in the liquid phase