

Low Velocity Flows



ID de Contribution: 17

Type: **Non spécifié**

On some models for bifluid flows

vendredi 6 novembre 2015 09:00 (45 minutes)

In this talk I will discuss some low Mach number systems for bifluid flows. More precisely I will focus on mathematical structures for systems used for bilayer shallow-water flows in a fixed channel or incompressible bifluid models and mixture systems used for instance for pollutant spreading or aerated avalanches (miscible flows).

This corresponds respectively to joint works with M. Renardy and with V. Giovangigli, E. Zatorska.

Orateur: BRESCH, Didier (Université de Savoie)