
A few open problems involving infinitely many structures moving in a fluid

Franck Sueur^{*1}

¹Institut de Mathématiques de Bordeaux (IMB) – Université Bordeaux Segalen - Bordeaux 2, Université Sciences et Technologies - Bordeaux 1, Université de Bordeaux, Bordeaux INP, Centre National de la Recherche Scientifique : UMR5251 – 351 cours de la Libération 33405 TALENCE CEDEX, France

Résumé

In this talk I will display a few open problems regarding systems of PDEs modeling rigid bodies or point particles moving in a incompressible fluid in the limit where the number of structures is infinite.

*Intervenant