

Thursday, December 5th, 12.00-13.00
Seminar Room at the Mathematics Department of UPV/EHU

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FREE BOUNDARY PROBLEMS FOR IRROTATIONAL FLUIDS

In this talk we will study the motion of an interface separating an irrotational fluid from vacuum. In addition we will present several asymptotic models in the regime of small steepness and some of their mathematical properties as the existence and uniqueness of solutions.