

“Shapes of liquid marbles”

Dr. GUILLAUME LAGUBEAU

Postdoctorado Departamento de Física, Universidad de Santiago de Chile

I'll present the experiments we are currently doing on water drop coated with hydrophobic grains, called liquid marbles. Their interfaces possess remarkable properties that have been shown recently and used for example for stabilisation of liquid foams. Nevertheless, their fundamental mechanisms have yet to be fully understood. We present here early results of fine analysis of the drop shape while evaporating that allow measurement of relevant surface properties..

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