

“Granular interfaces”

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I'll present briefly the experiments we are currently doing on granular interfaces, formed of a monolayer of micro or nano particles at the water surface. Such interfaces possess remarkable properties that have been shown recently like strong stabilisation of liquid foams. Nevertheless, their fundamental mechanisms have yet to be fully understood. One of the main interests is that these interfaces appear to combine the effect of physico-chemistry, wetting, granular matter, elasticity....

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