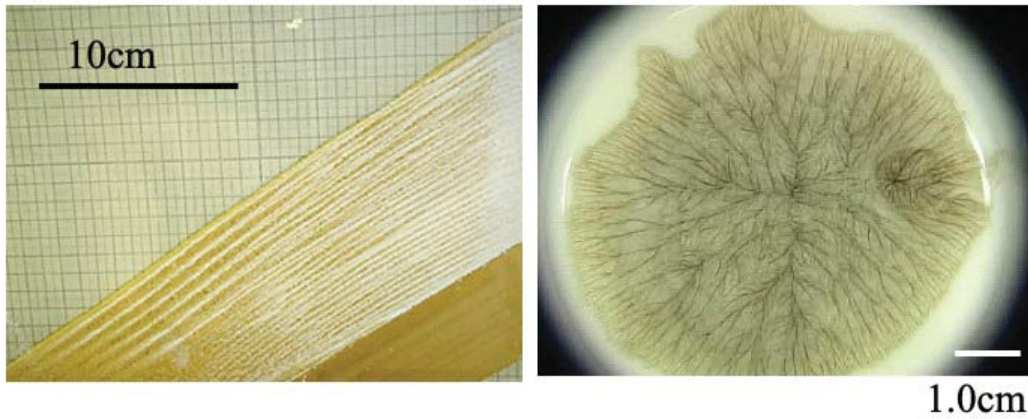


Study of Pattern Formation

Michiko Shimokawa [Physics Course]



(left) Two-component sand pile pattern; (right) Fractal pattern formed by coffee on milk.

I study the dynamics of pattern formation through experiments using grains, fluids and viscoelastic materials. I carefully observe phenomenon and compare experimental results with phenomenological models.

keyword : pattern formation, fluid dynamics, granular physics