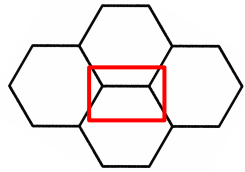


Impact de la concentration en tensioactifs sur la déformation d'une assemblée de films de savon

R. Poryles, T. Lenavetier, A. Bussonnière, E. Schaub & I. Cantat

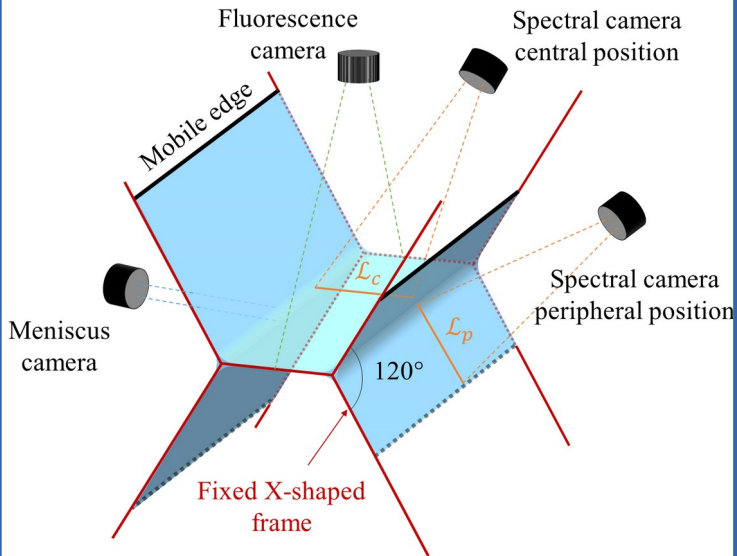
RNL 2021

Rhéologie de la mousse

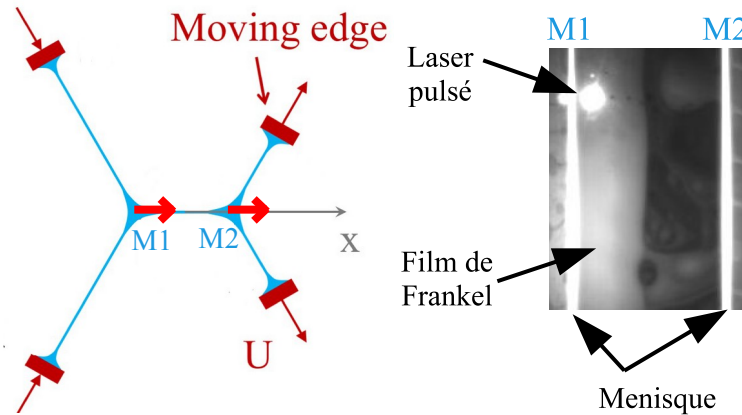


Concentration
SDS / DOH ?

Dispositif expérimental

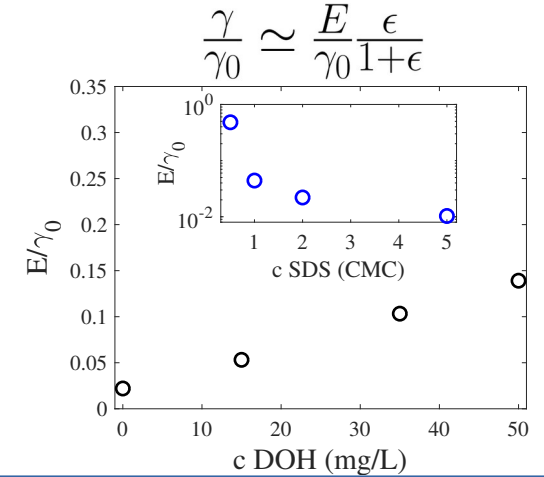


Observations

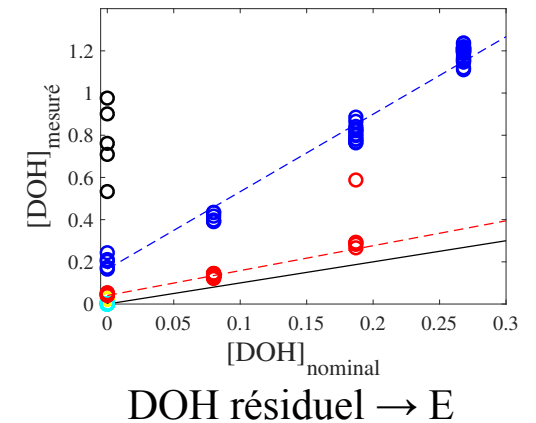


Menisques → Tensions γ
Sortie du Frankel → Extension ϵ

Modèle linéaire



Modèle Physico-chimique Adsorption → $\Gamma = f(c_{\text{DOH}}, c_{\text{SDS}}, K_i)$



Relation $\gamma \leftrightarrow \epsilon$

