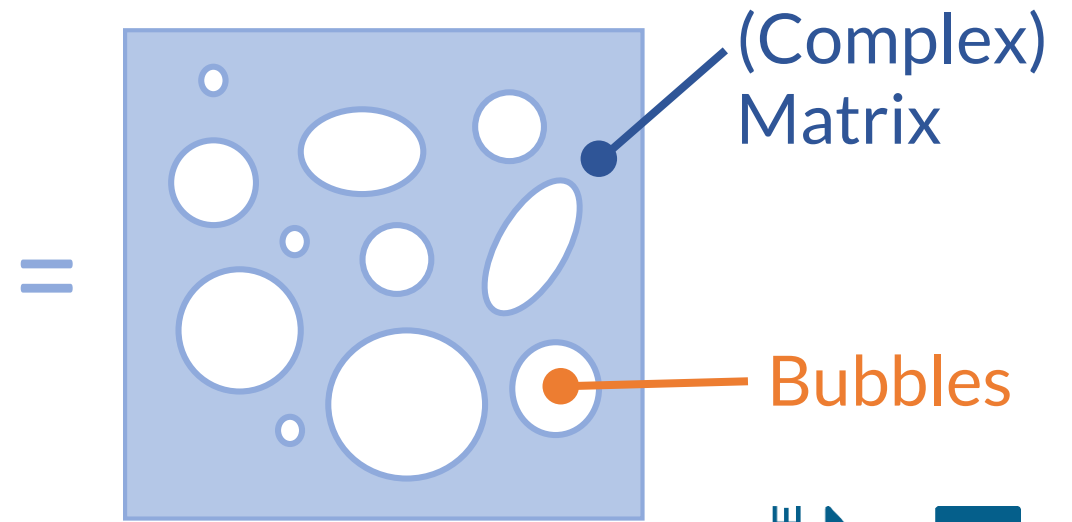
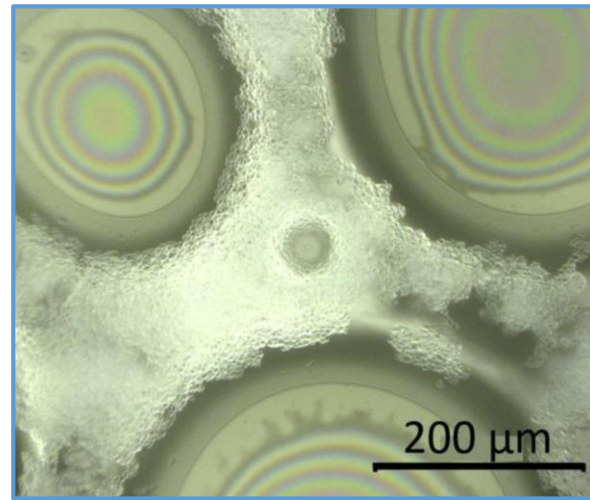
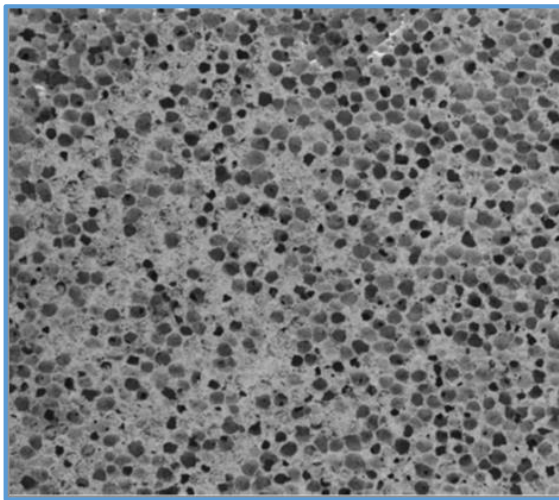


# Bubble Dissolution in a Yield-Stress Fluid

Brice Saint-Michel

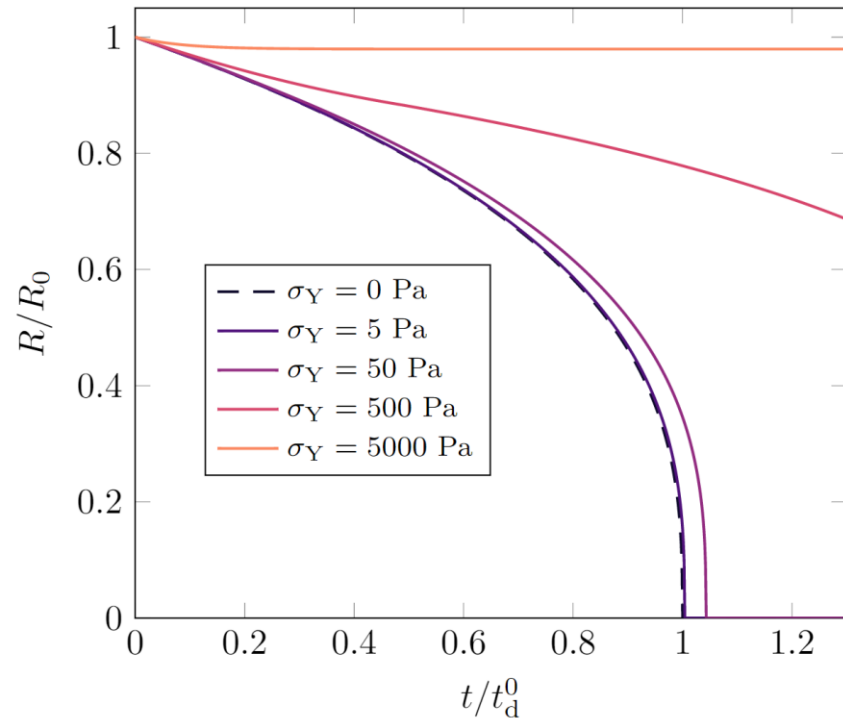
Laboratoire Navier, U. Gustave Eiffel

Stability of complex foamed materials *against dissolution & ripening* ?



# Assessing the impact of Yield-Stresses

*In theory*



$\Gamma = 0.063 \text{ N} \cdot \text{m}^{-1}$   
 $G = 2 \sigma_Y$   
 $R_0 = 100 \mu\text{m}$

*In practice (Carbopol)*

