

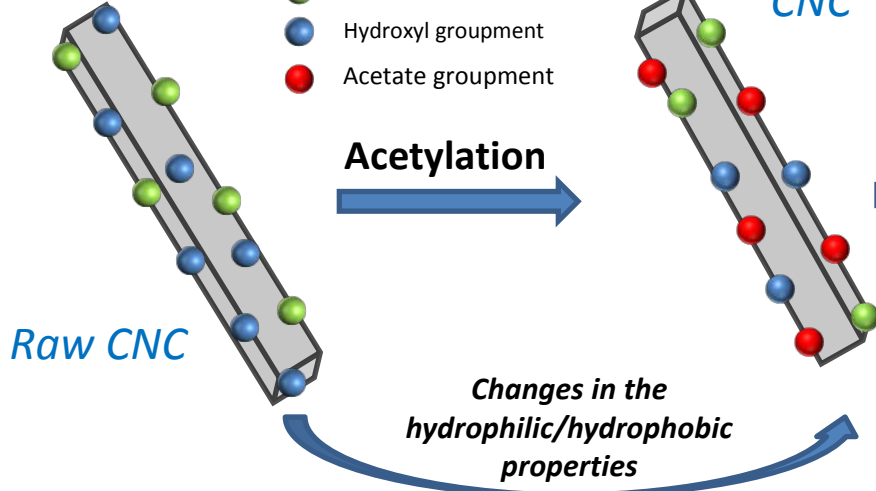


## A novel method to produce polymer nanolatexes by Pickering emulsification with cellulose nanocrystals (CNCs)

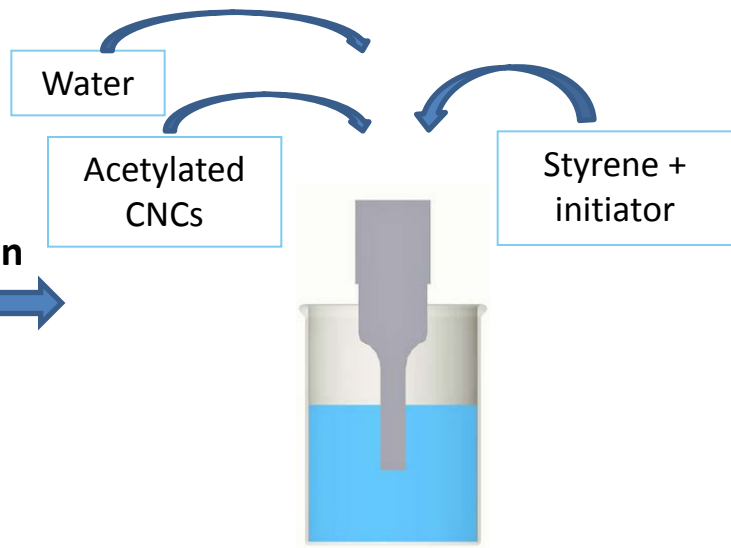
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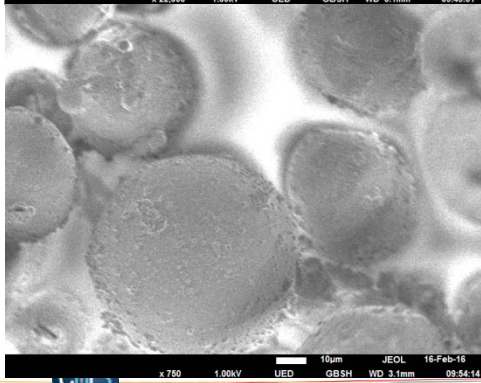
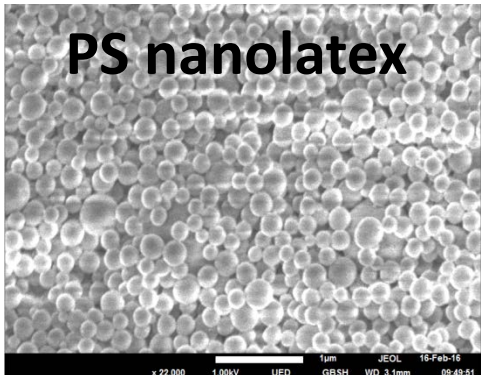
- Sulfonate groupment
- Hydroxyl groupment
- Acetate groupment



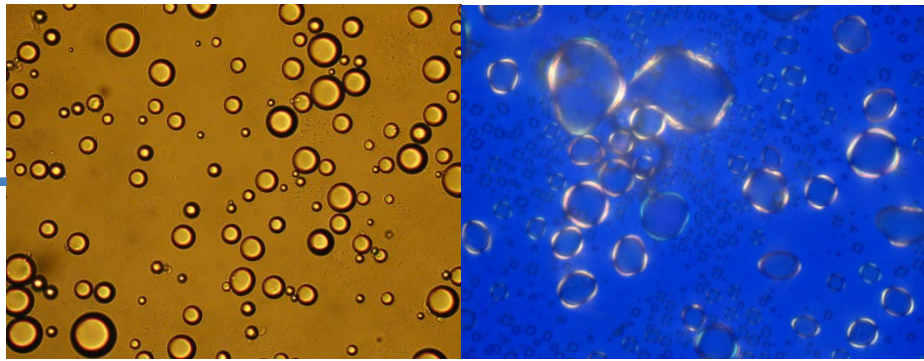
**Emulsification**



**Observation**



**Thermal Polymerization**



Stable emulsion of styrene in water with CNCs at the interface (birefringence properties). Droplets diameter = 10  $\mu\text{m}$



***Thank you for your attention,  
More informations on the poster !***