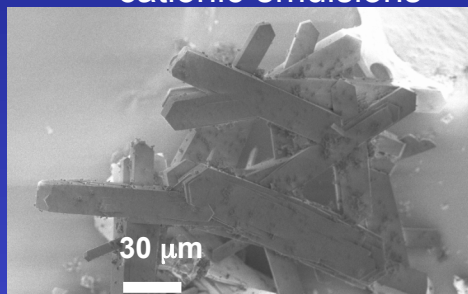


# Large Anisotropic Zeolite Crystals with Controllable Morphology via Microemulsion Mediated Growth

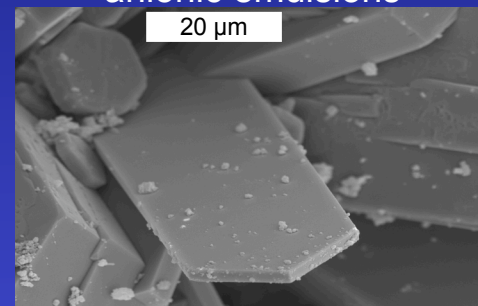
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The current work explores synthesizing large ( $> 50 \mu\text{m}$ ) zeolite crystals of controllable morphology by using zeolite syntheses with low solubility silica sources (BMD) in the presence of emulsions.

Silicalite-1 BMD syntheses in cationic emulsions



Silicalite-1 BMD syntheses in anionic emulsions



Silicalite-1 crystals formed on ampule wall

