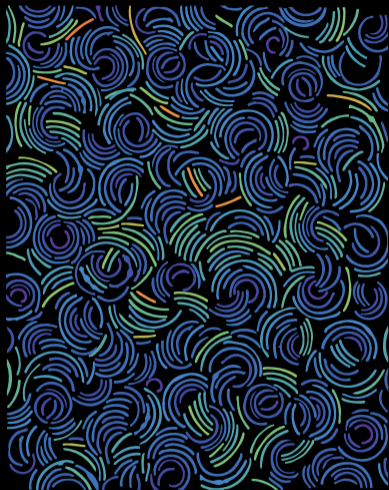


Colloidal Bananas

get to form

Colloidal Vortices



The fields of view are $50 \times 66 \mu\text{m}^2$

The curvature of colloidal bananas plays a key role in their self-assembly into liquid crystalline phases. We find that by mixing highly-curved and not so curved bananas, these self-organize – solely due to entropic interactions – into colloidal vortices to form an exotic and hierarchical vortex phase.

5 μm

Particle curvature

20 μm

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