

**Clustering and phase behaviour of attractive active particles with hydrodynamics**

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Videos for hydrodynamic squirmer simulations with  $\beta = 0$  for

- low area fraction  $\phi = 0.125$  for scaled active swim speeds  $\tilde{v}_a = 0.05, 0.1, 0.15$
- high area fraction  $\phi = 0.75$  for scaled active swim speeds  $\tilde{v}_a = 0.05, 0.1, 0.2$