

Supplementary Information Movie Caption

movie_fig2a

Motions of a particle pair in a binary mixture under the shear flow of $\dot{\gamma}t_0 = 0.01$. The average concentration of the binary mixture is $\langle\phi\rangle = 0.2$ and the interaction parameter is $\chi = 1.6$.

movie_fig2b

Motions of a particle pair in a binary mixture under the shear flow of $\dot{\gamma}t_0 = 0.01$. The average concentration of the binary mixture is $\langle\phi\rangle = 0.2$ and the interaction parameter is $\chi = 2.3$.

movie_fig6a

Colloidal suspension under the flow of $\dot{\gamma}t_0 = 0.0005$ in a binary mixture. The average concentration is $\langle\phi\rangle = 0.35$ and the colloid fraction is $\langle\psi\rangle = 0.128$. The interaction parameter is $\chi = \chi_{cx}$.

movie_fig6b

Colloidal suspension under the flow of $\dot{\gamma}t_0 = 0.002$ in a binary mixture. The average concentration is $\langle\phi\rangle = 0.35$ and the colloid fraction is $\langle\psi\rangle = 0.128$. The interaction parameter is $\chi = \chi_{cx}$.

movie_fig6c

Colloidal suspension under the flow of $\dot{\gamma}t_0 = 0.01$ in a binary mixture. The average concentration is $\langle\phi\rangle = 0.35$ and the colloid fraction is $\langle\psi\rangle = 0.128$. The interaction parameter is $\chi = \chi_{cx}$.