
Seminar

Reentrant, Driven and Pinned Colloidal Glasses

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Colloidal suspensions comprise of micrometer-sized particles that remain suspended in a fluid by Brownian motion. Their large size, typically a micron, allows for the investigation of dynamics at the single-particle level using relatively simple tabletop experimental techniques. This feature combined with the tunability of particle shape and interactions makes them promising candidates to address a plethora of problems in statistical mechanics and condensed matter. In my talk, I will describe recent results from our group that exploit this versatility of colloidal suspensions to address issues that highlight the role of particle shape and external fields on the dynamics of colloidal glasses

Tuesday, August 5th 2014

4:00 PM (Tea/Coffee at 3:30 PM)

Seminar Hall, TCIS