



AVVISO DI SEMINARIO

Mercoledì 28 Gennaio 2009

aula “E” del Dip. Fisica, ore 14:45

Il Prof. Francesco Sciortino dell'Università degli Studi di Roma 'La Sapienza', terrà un Seminario sul tema:

“Dynamic Arrest in Colloidal Systems at Low Packing”

Abstract:

Dynamic arrest in colloidal systems can be controlled both by packing effects (as in most atomic and molecular glasses) and by bonding effects. In the last case, arrest can take place even at very small fractions of occupied volume and it is often named "gelation". In the talk I will review the different arrest mechanisms which can be observed in model colloidal systems and their role in stabilizing the formation of glass or gel states. Finally, I will discuss (i) the possibility of observing novel arrest phenomena in patchy colloidal particles and (ii) the possibility of connecting irreversible and reversible aggregation.

Tutti gli interessati sono cordialmente invitati a partecipare.

IL DIRETTORE
Prof. Caterina Petrillo