

Seminar

de Almeida Thouless line in Heisenberg spin glasses: Perspectives, equilibrium and non-equilibrium

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The de Almeida-Thouless (AT) line lies at the heart of the incredibly complex mean-field theory of infinite-range spin glasses. Traditionally, this has been considered to be specific to Ising spins. I will describe how by applying a magnetic field that is random in various component directions, the AT line does appear also for vector spin glasses. I will then describe how zero-temperature metastable states are able to capture the zero-temperature AT point.

Friday, May 26th 2017

11:30 AM (Tea/Coffee at 11:15 AM)

Seminar Hall, TCIS