

# Quantum Tunnelling & Ergodicity in Quantum Spin Glasses

**Bikas K. Chakrabarti**

*Saha Institute*

We will discuss the effect of quantum tunnelling on the static behaviour of the infinite-range (SK) spin glass phases & transitions. Detailed numerical results, both from exact diagonalization and Monte Carlo for the effective Suzuki-Trotter Hamiltonian will be presented.