



Universidade Federal da Paraíba
Centro de Ciências Exatas e da Natureza
Programa de Pós-Graduação *Stricto Sensu* em Física

Colóquio

“Monte Carlo method: from Metropolis algorithm to parallel computer simulations”

RESUMO: The study of complex systems has been enriched in the last decades due the development of generalized ensemble Monte Carlo algorithms and, due parallel computer applications. Such approaches helps to avoid quasi-ergodic problems in this systems by performing a random walk in an enlarged phase space. At this colloquium I intend to present the basic ideas of some of these methods for studying phase transitions.

Profª. Dra. Alexandra Valentin UFPB
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6/nov/2015	16h00
Auditório da Pós-Graduação em Física (novo prédio)	