

Perspectives on the Renormalisation Group Approach

mardi 31 mai 2022 09:30 (1 heure)

The goal of this talk is to review some of the successes but also the outstanding challenges of the renormalisation group approach to the Ising and φ^4 models. I will also try to describe a common perspective of the usual approach to the renormalisation group based on perturbation theory and cluster expansions with some of the substitutes for these, based on random currents or random walks.

Orateur: Prof. BAUERSCHMIDT, Roland (University of Cambridge)