Probability Seminar

Title:　　Disorder relevance and the continuum random field Ising model

Speaker:　Adam Bowditch (UCD)

Date:　　Wed 21st October 2020 at 3:00PM

Location:　Online

Abstract: Since its introduction by Lenz in 1920, the Ising model has been one of the most studied statistical mechanics models. It has been particularly central in the theory of critical phenomena since Peierls famously proved that it undergoes a phase transition at the critical temperature in dimension at least 2. We discuss the long considered question of whether this picture is changed by the addition of a small random external field and whether the model admits a disordered continuum limit.

Zoom Link: https://ucd-ie.zoom.us/j/81548313626?pwd=T0JCTUxqZGIyQ3ZPMzB2T3VWdFdtQT09

Meeting ID: 815 4831 3626 Passcode: 432034