

## **abstract**

MATHEMATICAL PHYSICS

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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This is continuation of the previous seminar in which the formulation of the renormalisation group is given in more detail: a space of statistical mechanical models is defined. The renormalisation group is a map on this space and there is a basic theorem, analogous to a local existence theorem for an ODE, which sets the stage for proving the existence of global trajectories in neighbourhoods of almost Gaussian fixed points. Fixed points are scaling limits and stable manifolds are universality classes of models.