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I N V I T A T I O N

as part of the Mathematical Physics Theory Seminar

to the <u>online</u> talk by

Lea BOTTINI
(University of Oxford)

on

"Categorical Landau paradigm and Haagerup symmetry"

Abstract:

In this talk I will present a general framework to study gapped phases and phase transitions of (1+1)d theories in the presence of non-invertible symmetries. This outlines a categorical version of the well known Landau paradigm for second order phase transitions. I will also show how we can use this approach to make progress on the longstanding question of finding a conformal field theory with the exotic Haagerup symmetry.

Time: Tuesday, 20 May 2025, 2:00 p.m.

Location: Erwin-Schrödinger Lecture Hall, 1090 Vienna, Boltzmanngasse 5, 5th floor

sgd. S. Fredenhagen, M. Sperling