



ICTS

INTERNATIONAL  
CENTRE *for*  
THEORETICAL  
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## ICTS Statistical Physics and Condensed Matter Seminar

**Title** : A hitchhiker's guide to spin glasses

**Speaker** : Daniel Fisher (Stanford University, USA)

**Date** : Monday, 13th May 2024

**Time** : 11:00 AM (IST)

**Abstract** : A half-century after their discovery and initial theoretical work, the nature of real spin-glasses — or, indeed, any spin-glass model in dimensions  $2 < d < \infty$  — is still controversial. And — remarkably — the question to which the answer might or might-not be “Replica Symmetry Breaking” is still murky. This talk will focus on the questions, along with some potential scenarios and their experimental consequences.

**Venue** : Emmy Noether Seminar Room

Zoom link: <https://icts-res-in.zoom.us/j/99495208867?pwd=bjJmeGwrNU5YTUVVWmlUMjlicW90UT09>

Meeting ID: 994 9520 8867

Passcode: 101020