



Učená společnost České republiky srdečně zve akademickou veřejnost  
na pátou přednášku v sérii Bernarda Bolzana:

# HUGO DUMINIL-COPIN

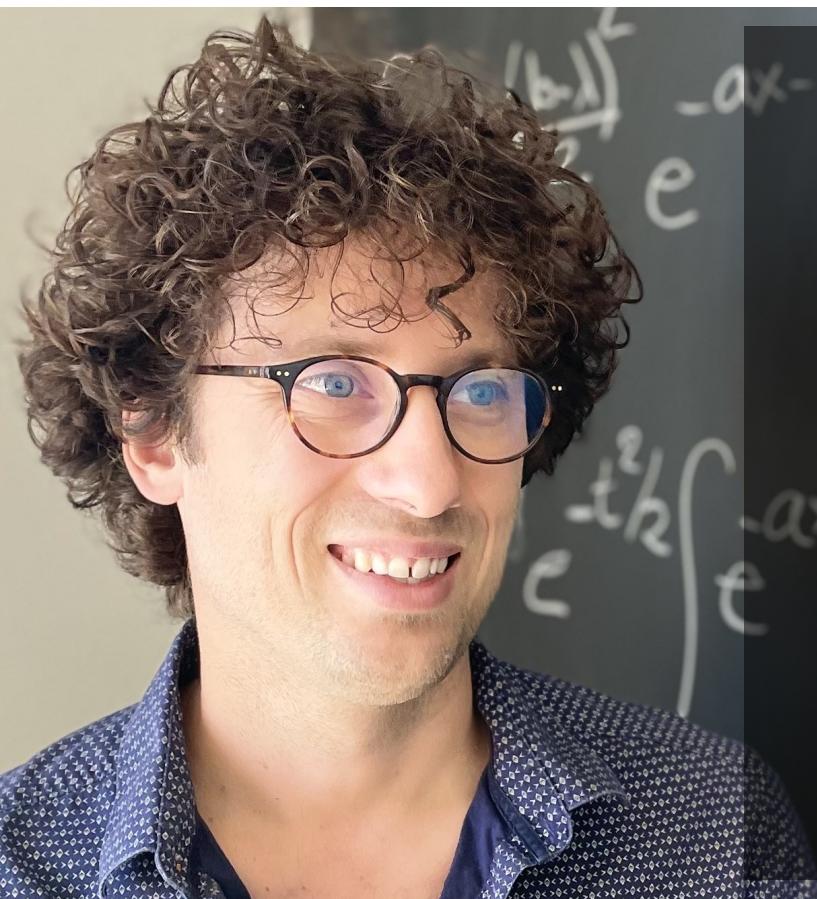
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Ženevská univerzita a Institut des Hautes Études Scientifiques  
v Bures-sur-Yvette

## CRITICAL PHENOMENA THROUGH THE LENS OF THE ISING MODEL

středa **16. dubna 2025**, 14 h

Modrá posluchárna rektorátu Univerzity Karlovy  
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The Ising model is one of the most fundamental lattice models in statistical physics, known for exhibiting phase transitions. Originally conceived as a model for ferromagnetism, it has since emerged as a remarkably rich mathematical framework and a powerful theoretical tool for understanding cooperative phenomena. Over the past century, extensive research has led to a profound understanding of its critical phase. In this talk, we will provide an overview of key developments in the study of this foundational model while offering broader insights into statistical physics.