Wintersemester 2024/25

Dresdner Mathematisches Seminar

Prof. Dr. Chiranjib Mukherjee
Westfälische Wilhelms-Universität Münster, Fachbereich Mathematik und Informatik

Percolation and geometry of groups and graphs

In this talk we will discuss connections between the geometry of a group acting on a space (e.g., a Cayley graph) and percolation processes on the Cayley graph. Many applications have by now been established around the theme of amenability. Our focus here will be to understand Haagerup property and Kazhdan's property (T) using probabilistic methods. More concretely, we will study, and characterize these properties through the lens of connectivity property of invariant percolations.

Mittwoch, 29.01.2025, 17:00 Uhr – Willers-Bau, Raum A 124

Leitung: Prof. Dr. Andreas Thom

Vor dem Vortrag findet **ab 16:30 Uhr** ein gemeinsames **Kaffee-/Teetrinken** vor Hörsaal **WIL A 124** statt.

Bereich Mathematik und Naturwissenschaften
Fakultät Mathematik