Al@Bicocca seminar

You are all welcome to the next bite of the series

"Al@Bicocca"

which is meant to give you a small taste of the Algebra at Bicocca and beyond

Marco Barbieri

University of Ljubljana

Constraints on vertex-transitive groups of automorphisms of connected graphs

Abstract: Weiss Conjecture states that the order of the stabilizer of a vertex in the automorphism group of a connected, vertex-transitive and locally-primitive graph is bounded by a function of the graph's valency alone. If we remove the assumption of locally-primitive, what can we say about the stabilizer? In this talk, inspired by the positive solution to Burnside Restricted Problem, we investigate whether similar properties hold for the number of generators and the exponent of the stabilizer.



27 February 2025 16.00 (UTC+1)

Online venue: WebEx

University of Milano-Bicocca Via R. Cozzi 55 Milano (IT)

Organizers:

Marco Barbieri Marco Fusari Nicola Grittini Ettore Marmo Francesco Matucci Matteo Tarocchi

Website 🌘