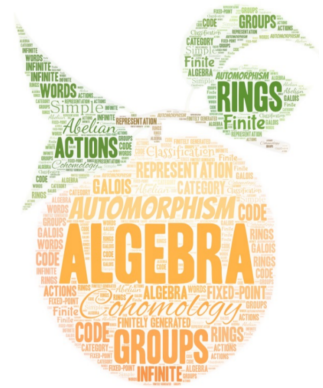


Al@Bicocca seminar

You are all welcome to the next

“Al@Bicocca Flash Workshop ”

One day, **two** algebra seminars at Bicocca!



14:00 - 15:00

Collin Bleak
University of St. Andrews

4 August 2026

14:00 (CEST)

Generating infinite simple groups

Abstract: It is well known that every finite simple group can be generated by just two elements, and indeed, much more is true. But, much less is known about the generation of infinite simple groups. In this talk, we focus on the class of finitely generated simple groups, which are infinite groups that act on Cantor space in a particularly nice way. Thompson's group V is the motivating example of such a group, but the class includes all the normal generalisations such as the Higman–Thompson groups $G_{n,r}$, the Brin–Thompson groups nV , as well as Nekrashevych's simple groups of dynamical origin (including Röver's group $V(\Gamma)$, which fits in that class). It turns out that all of these groups can be generated by two elements. The talk will also highlight a variety of much stronger things that can be said, and include some further applications of these results. This is joint work with Donovan, Harper, and Hyde.

Online venue: WebEx

This event is only

Organizers:

Jessica Anzanello
Simone Blumer
Ilaria Castellano
Julian Feuerpfel
Francesco Matucci

Website 

15:00 - 16:00

Jim Belk
University of Glasgow

Quasisymmetry groups of finitely ramified fractals

Abstract: Quasisymmetries are an important class of homeomorphisms related to analysis on metric spaces and quasiconformal geometry. In this talk, I will introduce quasisymmetries and outline a theory of quasisymmetry groups for finitely ramified fractals, with applications to fractals such as generalized Sierpinski triangles and Julia sets of hyperbolic polynomials. This is joint work with Bradley Forrest.