

Special joint seminar:

AI@Bicocca

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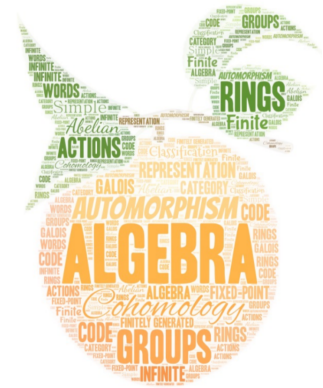
Geometry, Algebra and their applications

You are all welcome to a special joint event
from Bicocca and Politecnico di Milano!

Corentin Bodart
University of Oxford

On groups with few Busemann points

Abstract: The horofunction boundary of groups is a way to compactify any metric space. It was introduced by Gromov, and primarily studied for hyperbolic groups. I'll explain why studying the action of more general groups on their boundary - in particular finding finite orbits and small invariant subsets - can be interesting from an algebraic point of view. A natural invariant subset to look at consists of Busemann points, i.e. limits of geodesics rays. In joint work with Liran Ron-George and Ariel Yadin, and with Kenshiro Tashiro, we characterise when the set of Busemann points is finite and explore when it can be countable.



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April 8th, 2026
10.30 (UTC+2)

Online venue: Webex
University of Milano-Bicocca
Piazza dell'Ateneo Nuovo, 1
Edificio U6
Milano (IT)
Aula U6-16

Organizers:
Jessica Anzanello
Julian Feuerpfeil
Marco Barbieri
Nicola Grittini
Ettore Marmo
Francesco Matucci
Emanuele Rodaro

Website 