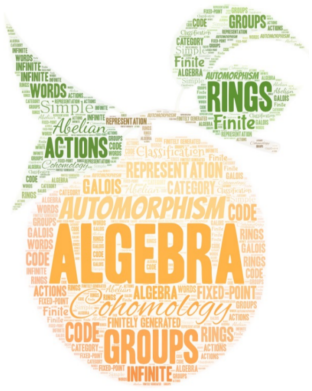
Al@Bicocca seminar

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



22 June 2026
14.00 (CEST)

Davide Perego
Université de Genève

Language theory in groups: an approach using period growth and Schreier graphs

Abstract: The intersection of formal language theory and group theory manifests in various ways, most notably through the study of the language of the word problem. After introducing the theoretical background and reviewing the state of the art, in this talk we discuss new perspectives based on period growth and Schreier graphs. These approaches provide promising avenues for addressing open questions regarding the classification of groups within the Chomsky hierarchy. No prior knowledge of the topic is required.

Online venue: Webex
University of Milano-Bicocca
Viale dell’Innovazione, 10
Edificio U9
Milano (IT)
Aula U9-09

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