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

Islam Foniqi

University of East Anglia

17 April 2024
11.00 am (UTC+1)

Online venue: WebEx
University of Milano-Bicocca
Via R. Cozzi 55
Milano (IT)

Organizers:
Marco Barbieri
Alberto Cassella
Giulia Dal Verme
Nicola Grittini
Francesco Matucci
Matteo Tarocchi

Website 🌐

Decision problems in one-relator monoids

Abstract: The word problem is still open for one-relator monoids. Some ways to tackle it involve other decision and membership problems.

I will share results (joint with Robert D. Gray & Carl-Fredrik Nyberg Brodda) related to submonoid membership problems. This discussion will explore implications and connections with the word problem, relying on the work of Adian and Guba. The role of embeddings of right-angled Artin groups will be highlighted, emphasizing the relevance of this approach in our work.