Al@Bicocca seminar

You are all welcome to the next bite of the series

"Al@Bicocca"

this time with a double Algebra seminar at Bicocca:

An afternoon with Artin groups

Right after **Emanuele Delucchi**'s talk titled *How Artin are these groups?* whose poster is found here, we will have...

Conchita Martinez-Perez

University of Zaragoza

The derived subgroup of coherent Artin groups

Abstract: Droms has shown that a right angled Artin group is coherent if and only if the defining graph is chordal and that that condition is also equivalent to the derived group being free. Thanks to work by Gordon and Wise, there is a characterization available of when an arbitrary Artin group is coherent in terms of the defining graph that generalizes Drom's. We use this characterization to show that, as in the RAAG case, an Artin group is coherent if and only if the derived subgroup is free and consider other properties of coherent Artin groups.

This is a joint work with Jone López de Gámiz.



13 May 2024 16.00 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 🌘