# 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

## Blas Torrecillas Jover

Universidad de Almeria

## **Quasi-Hopf algebras**

**Abstract:** The notion of sovereign, balanced and spherical quasi-Hopf algebras will be introduced. We will discuss the connections among them and their relations with other classes of quasi-Hopf algebras (pivotal, involutory, ribbon). Using a kind of double construction which associates to a braided category a balanced one we will obtain several examples of balanced and ribbon quasi-Hopf algebras. The rigid case will be considered as well.



8 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 🌘