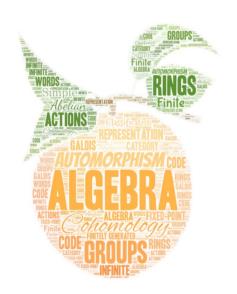
Al@Bicocca seminar

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



7 November 2024 14.00 (UTC+1)

Ángel del Río Universidad de Murcia

On groups with quadratic rational character values

Abstract: A finite group is said to be rational or rationally valued if its the character table of is formed by rational numbers. For example all symmetric group are rational. Rational groups have been widely studied.

During the last years some generalizations of rational groups have attracted the interest of several authors. The common feature of these groups is that each character of every element of G belongs to a quadratic extension of the rationals. These have led to several classes of groups depending on whether it requires that the full character table is contained in a quadratic extension of the rational, or this condition is required per rows or columns of the character table.

In this talk we will introduce the different families of groups and present some results on their structure.

Online venue: WebEx

University of Milano-Bicocca Via R. Cozzi 55 Milano (IT)

Organizers:

Marco Barbieri Marco Fusari Nicola Grittini Ettore Marmo Francesco Matucci Matteo Tarocchi

Website **(**