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



University of Alberta

The Witt group of the punctured spectrum of a semilocal regular ring

Abstract: (joint work with Ivan Panin) Let *R* be a regular integral semilocal ring of dimension 4q + 1, q > 0 an integer, with *l* maximal ideals, and *U* the spectrum of *R* without the maximal ideals. Then the Witt group W(U) of *U* has *l* generators $e_1, ..., e_l$ as W(R)-module satisfying $e_i \cdot e_j = 0$ for all *i*, *j*. The generators become trivial over the fraction field of *R*, and live on vector bundles which can not be extended to Spec*R*.



8 May 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 🌘