

# SEMINARIO DI GEOMETRIA E ALGEBRA

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UNIBA - POLIBA

**Mercoledì 27 Novembre 2024 - Ore 15:00**

**Dipartimento di matematica UniBA, aula VI**

Università degli Studi di Bari Aldo Moro  
via Edoardo Orabona 4 - 70125 Bari

**Margherita Barile** (Università di Bari)

**What are Barile-Macchia resolutions?**

**Abstract.** The aim of the talk is to present some recent developments in the theory of minimal graded free resolutions of ideals defined in a polynomial ring over a field. In this connection, some authors introduced the expression “Barile-Macchia resolution” to denote a notion that is rapidly changing its meaning.

The topics addressed are: commutative algebra, graph theory, homological algebra.



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