

# SEMINARIO DI GEOMETRIA E ALGEBRA

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UNIBA - POLIBA

Martedì 15 Aprile 2025 - Ore 15:30

Dipartimento di Matematica UniBa, Aula I (piano terra)

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## **Resolving monomial ideals in rational normal surfaces**

**Abstract.** Various techniques have been given to produce free resolutions of monomial ideals in polynomial rings, including the Taylor Resolution and the Barile-Macchia Resolution. We will discuss how to modify these methods to produce resolutions of monomial ideals in rational normal surfaces. This talk is based on joint work with Margherita Barile.



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