

Colloquium

University of Notre Dame
Department of Mathematics

Claudia Polini - University of Notre Dame

Speaker: Claudia Polini

University of Notre Dame



Will give a lecture entitled
Rees algebras

Date: Friday, October 6, 2023

Time: 4:00 PM

Location: 129 Hayes-Healy Bldg

Departmental Tea: Tea in Room 257 (lounge in Hurley Hall) at 3:30 p.m.

Zoom URL: <https://notredame.zoom.us/j/99986867672?pwd=Z2NJRIZwL0dTR0Nxbk50NEIHK0dNdz09>



Abstract:

The theory of Rees algebras or, in a more comprehensive sense, of blowup algebras is at the heart of commutative algebra and plays an important role in algebraic geometry, geometric modeling, and computer aided design. In this talk we will survey applications of blowup algebras in commutative algebra and other fields as well as open problems about them.