

Séminaire d'algèbre, topologie et géométrie
Jeudi 15 novembre à 14h
Salle I

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Naples

Hessians, Higher Jacobians and the Lefschetz properties

In my talk I will survey on Jacobian ideals of hypersurfaces in \mathbb{P}^n and their Milnor algebras in relation with the problem of satisfying or not satisfying the Lefschetz properties. After that, I will discuss higher order Jacobian ideals and Milnor algebras and their link with the geometry of hypersurfaces.