

Seminari de Geometria Algebraica 2014/2015 (UB-UPC)

Divendres 12 de juny a les 15 hs, aula B1 FM-UB

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## The Frobenius complexity of a local ring of positive characteristic

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In this talk we will describe the concept of Frobenius complexity of a local ring of prime characteristic, which measures asymptotically the number of Frobenius actions on the injective hull of the residue field of the ring. Various computations will be presented with a focus on determinantal rings.

This is joint work with Yongwei Yao.