

Seminari de Geometria Algebraica 2011/2012 (UB-UPC)

Divendres 1 de juny a les 15 h, aula B1 de la FM-UB

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Properties of divisors on irregular varieties

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The existence of global 1-forms on algebraic complex varieties imposes several constraints on the behaviour of effective divisors on the variety. In this talk I will discuss some instances of this phenomenon, focusing mainly on results obtained in joint work with R.Pardini and G.P.Pirola. In particular I will discuss results on numerical inequalities for curves that do not move linearly on irregular surfaces.
