

Ellis R. Kolchin Memorial Lecture

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Centre National de la Recherche Scientifique

"Hodge Structures on Cohomology Algebras"



"Hodge structures are objects from linear algebra which appear in the study of periods of complex projective manifolds. In this talk, we will exploit the compatibility of the Hodge structures on the various cohomology groups of a given variety with the cup product on its cohomology. As a consequence, we will exhibit new restrictions on cohomology algebras of compact Kaehler or complex projective manifolds."

Friday, March 11th, 2011 at 3:30 pm
501 Northwest Corner Building
550 West 120th Street at Broadway

Tea will be served at 3 pm in 508 Mathematics Hall
2990 Broadway at 117th Street