

# Harvard-M.I.T. Algebraic Geometry Seminar

## THE HODGE THEORY OF ALGEBRAIC MAPS

MARK ANDREA DE CATALDO

SUNY at Stony Brook

I will first discuss some topological aspects of complex algebraic maps, including the so-called Decomposition Theorem. I will then survey some aspects of my recent work with Luca Migliorini (at Bologna) on new structures on the cohomology of algebraic varieties.

Tuesday, November 9th, 2004

3:00 p.m.

MIT Room 4-149

<http://www-math.mit.edu/ags/>