

The UIC Algebraic Geometry Seminar

EXTENSION OF PLURIADJOINT SECTIONS FROM A LOG-CANONICAL CENTER

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Recent work of Takayama and Hacon-McKernan applied an important pluriadjoint extension theorem for a smooth divisor in a smooth projective variety, to complex algebraic geometry. The idea of such an extension theorem goes back to Siu's theorem on the invariance of plurigenera. We will discuss a natural generalization of the main ingredient of Siu's method— L^2 extension theorem—in order to extend pluriadjoint sections from a log-canonical center of general codimension.

SEO 636

Thursday, September 13th
4:00 p.m.

<http://www.math.uic.edu/~coskun/f2007alggeom.html>