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*Fachbereich C, Mathematik
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Im Rahmen der

AG Komplexe Analysis

laden wir zu folgendem Vortrag ein:

Residue currents with prescribed annihilator ideals on singular varieties

(Richard Lärkäng, Göteborg)

am **Dienstag, den 29.01.2013, um 16 Uhr c.t. in Raum G.15.25.**

Abstract:

The duality theorem for Coleff-Herrera products states that the annihilator of the Coleff-Herrera product of a complete intersection f on a complex manifold equals the ideal generated by f . The duality theorem was proven independently by Passare and by Dickenstein and Sessa.

Given an arbitrary ideal J on a complex manifold, Andersson and Wulcan constructed a current R^J such that its annihilator equals J , generalizing the duality theorem for Coleff-Herrera products. I will describe how one can construct such a current also on a singular variety, mainly by focusing on special cases where this construction can be described concretely.

Alle Interessenten sind herzlich eingeladen!

gez. Prof. N. Shcherbina