

TEMPLE UNIVERSITY MATHEMATICS COLLOQUIUM

Walter Neumann

Columbia University

will speak on

What does a complex surface really look like?

ABSTRACT: An algebraic surface over the complex numbers has a geometry which can be surprisingly complicated near a singular point, with much of the interesting topology vanishing at a faster rate than expected towards the point. This is joint work with Anne Pichon (Marseille) and Lev Birbrair (Fortaleza), and is ongoing work in the sense that we know what the picture is, but not all details are proved yet.

MONDAY, 25 OCTOBER 2010

LECTURE AT 4:00 PM

COFFEE, TEA, AND REFRESHMENTS FROM 3-5 PM

ROOM 617, WACHMAN BUILDING

DEPARTMENT OF MATHEMATICS