RAHIM MOOSA, University of Waterloo, Waterloo, Ontario *A non-Kaehler essentially saturated complex surface*

A compact complex manifold M is viewed as a model-theoretic structure in the language where there is a predicate for each analytic subset of M^n . The manifold is *essentially saturated* if it admits a countable sub-language from which all complex-analytic subsets are definable (with parameters). All compact Kähler manifolds (and their holomorphic images, the *Kähler-type* spaces) are essentially saturated. I will describe some recent joint work with Ruxandra Moraru and Matei Toma in which we show that the converse is not true. We show that Inoue surfaces of type S_M are essentially saturated (though not of Kähler-type).