Balanced Hermitian metrics

Anna Fino
Università di Torino
annamaria.fino@unito.it

A Hermitian metric on a complex manifold is balanced if its fundamental form is co-closed. In the talk I will review some general results about balanced metrics and present new smooth solutions to the Hull-Strominger system, showing that the Fu-Yau solution on torus bundles over K3 surfaces can be generalized to torus bundles over K3 orbifolds.