



Speaker: Xiaoxiao Li
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Monday, September 26, 2016

4:00 PM

129 Hayes-Healy Hall

Title: Kahler metrics with toric symmetry

Abstract:

Much progress has been made recently in understanding the relation between "stability" and the existence of "canonical" metrics on Kahler manifolds. Since, in general, Kahler manifolds are rather sophisticated mathematical objects, I would focus on the toric cases where the manifolds can be, to some extent, visualised and the existence problems stand out more clearly. In this talk, I will start with some background and provide some explicit examples of "canonical" metrics. Then we move on to discuss the existence problems.