

Geometry, Topology and Dynamics Seminar

Non-Kahler Calabi-Yau manifolds and nonlinear PDE

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Abstract: We will discuss a certain class of manifolds introduced by string theorists C. Hull and A. Strominger. These spaces are non-Kahler Calabi-Yau threefolds. We propose to study this geometry by using the Anomaly flow, which is a nonlinear flow of non-Kahler metrics. This talk will contain joint work with T. Fei, D.H. Phong, and X.-W. Zhang.

Monday, February 24 at 3:00 PM in 636 SEO