

Geometry, Topology and Dynamics Seminar

Deformations of instantons in dimension 6 and 7

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Abstract: I will describe work with Derek Harland and work of my student Ragini Singhal on the deformation of instantons on nearly Kähler manifolds and nearly parallel G2 manifolds. Both type of manifolds admit Killing spinors, and this provides a framework to handle the study of the space of deformations of instantons, particularly in the homogeneous setting.

Monday, November 4 at 3:00 PM in 636 SEO