REAL SLICES OF THE MODULI SPACE OF HIGGS BUNDLES

Laura Schaposnik
UIUC

Apr 2, 2014, 4 – 5pm
Math/Computer Science, Room 144
111 Cummington Street, Boston

Tea: 3:45pm in Room MCS 144

Abstract: Through the hyperkhler structure of the moduli space of Higgs bundles for complex groups we shall construct three natural involutions whose fixed points in the moduli space give branes in the A-model and B-model with respect to each of the complex structures. Then, by means of spectral data, we shall look at these branes and their topological invariants, and propose what the dual branes should be under Langlands duality.

See http://math.bu.edu/research/geom/seminar.html or contact Si Li sili@math.bu.edu for more information.