

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

## THE DEFORMED HERMITIAN-YANG-MILLS WITH SYMMETRY

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CCDS 548, Apr 26, 2023, 4-5pm

Tea: 3:45pm in Room 365

**Abstract:** In this talk I will introduce the deformed Hermitian-Yang-Mills equation, which is a mirror equation of the special Lagrangian graph equation under certain setups arising from mirror symmetry. I will discuss conjectures relating the existence of solutions to some notions of geometric stability, and demonstrate how these conditions manifest themselves on certain manifolds with symmetry.

See <http://math.bu.edu/research/geom/seminar.html> or contact Yu-Shen Lin ([yslin@bu.edu](mailto:yslin@bu.edu)) or Brian Williams ([bwill22@bu.edu](mailto:bwill22@bu.edu)) for more information.