

# The equivariant cohomology ring of $T^*(\mathbb{C}^n)$ -modelled GKM graphs

Uma Vikraman

The aim of this talk is to introduce the concept of  $T^*(\mathbb{C}^n)$ -modelled GKM graph as a special type of GKM graphs with legs. In particular, toric hyper-Kähler manifolds equipped with the canonical  $T^n \times \mathbb{S}^1$ -action naturally give rise to such graphs. We shall describe the ring structure of the graph equivariant cohomology of these graphs. This is based on a joint work with Shintaro Kuroki.