BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

MONOTONE LAGRANGIANS IN FLAG VARIETIES

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February 7, 2018, 4:00 – 5:00pm
Math/Computer Science, Room 148.
111 Cummington Street, Boston

Tea: 3:45pm in Room 144

Abstract: In this talk, I will introduce a certain Maslov index formula for a disc with Lagrangian boundary condition that is particularly useful in the study of Hamiltonian G-manifolds. Also several applications of the formula will be provided such as (1) the classification of Lagrangian fibers of a Gelfand-Cetlin system on a partial flag manifold and (2) the construction of a continuum of monotone Lagrangians in a cotangent bundle of spheres. This is joint work with Yoosik Kim and Yong-Geun Oh.

See `http://math.bu.edu/research/geom/seminar.html` or contact Yoosik Kim (*yoosik@bu.edu*) or Siu-Cheong Lau (*lau@math.bu.edu*) for more information.