SYMPLECTIC INVARIANTS AND DIFFERENTIAL FORMS

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February 18, 2016, 4:00 – 5:00pm
Math/Computer Science, Room: B08
111 Cummington Street, Boston

Tea: 3:45pm in Room B08

Abstract: I will discuss the special properties of differential forms on symplectic manifolds. I will show how the presence of a symplectic structure leads naturally to A-infinity algebra structures and hence also cohomology rings of differential forms. These cohomology rings are novel symplectic invariants and I will describe some of their interesting properties and applications.

See http://math.bu.edu/research/geom/seminar.html or contact Siu Cheong Lau lau@math.bu.edu for more information.