

BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

MIRROR SYMMETRY OF PAIRINGS

Sangwook Lee
KIAS/Fields Institute

October 16, 2019, 4:00 – 5:00pm
Math/Computer Science, Room B39
111 Cummington Street, Boston

Tea: 3:45pm in Room B24

Abstract: Abstract: We find a relation between Lagrangian Floer pairing of a symplectic manifold and Kapustin-Li pairing of the mirror Landau-Ginzburg model under localized mirror functor. More explicitly, we show that they are conformally equivalent with an interesting conformal factor which can be described as a ratio of Lagrangian Floer volume class and classical volume class. This is a joint work with Cheol-Hyun Cho and Hyung-Seok Shin.

See <http://math.bu.edu/research/geom/seminar.html> or contact Yu-Shen Lin (yslin@bu.edu) or Siu-Cheong Lau (lau@math.bu.edu) for more information.