

ENUMERATIVE GEOMETRY SEMINAR

Speaker: Nicolo Piazzalunga

BIMSA

Time: Wed. Dec. 10th, 14:00 - 16:00

Venue: SIMIS room TBA

Quasimaps of surfaces

Abstract: We present a string-theoretic approach to surface counting in local Calabi-Yau fourfolds via supersymmetric localization in topologically twisted four-dimensional gauge theories. The approach is based on a correspondence between PT1-stable pairs on local fourfolds and twisted quasimaps with fixed two-dimensional domain associated to the ADHM quiver.

