

Department of Mathematics, BGU

AGNT

On Wednesday, May 22, 2019

At 15:10 – 16:25

In -101

SERGEY FOMIN (UNIVERSITY OF MICHIGAN)

will talk about

Morsifications and mutations

ABSTRACT: I will discuss a somewhat mysterious connection between singularity theory and cluster algebras, more specifically between the topology of isolated singularities of plane curves and the mutation equivalence of quivers associated with their morsifications. The talk will assume no prior knowledge of any of these topics. This is joint work with Pavlo Pylyavskyy, Eugenio Shustin, and Dylan Thurston.