

Department of Mathematics, BGU

AGNT

On Wednesday, June 12, 2019

At 15:10 – 16:25

In -101

MATTIA ORNAGHI (HUJI)

will talk about

Localizations of the category of A_{∞} -categories and Internal Homs (Part II).

ABSTRACT: In this second talk we prove that the localizations of the categories of dg categories, of cohomologically unital and strictly unital A_{∞} categories with respect to the corresponding classes of quasi-equivalences are all equivalent. As an application, we give a complete proof of a claim by Kontsevich stating that the category of internal Homs for two dg categories can be described as the category of strictly unital A_{∞} functors between them. This is a joint work with Prof. A. Canonaco and Prof. P. Stellari arXiv:1811.07830.