

Speaker: Amihay Hanany

Title: Exotic brane systems and Moduli spaces of theories with 8 supercharges

Abstract: This talk will focus on brane systems which give rise to new types of quivers, both electric and magnetic. Using these brane systems, one can get gauge groups with spinor matter, exceptional type and a new understanding of Higgs branches. One can have a window into the physics of theories involving symmetric products. Those naturally appear in a system of multiple M5 branes near a Klein singularity.

New phases of moduli spaces can be found and a match with a classical Higgs branches and with those which arise at infinite coupling. Some of these concepts may be new, so I will go over details, depending on how they arise.