

Theoretical Physics Seminar

Monday, September 17, 2018 / Pupin Hall Theory Center, 8th Floor / 2:10 PM

"5d Coulomb branches and 6d Anomaly cancelation"

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In this talk, I will present Coulomb branches and Chern-Simons terms from the compactification of M-theory on elliptically fibered Calabi-Yau threefolds. I will further check that the uplifted theory in 6d is anomaly-free. I will focus on the theory with a gauge group $SU(2) \times G_2$, which plays a major role in the classification of superconformal theories.