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Fibers and 5d SCFTs

Tuesday 25 June 2019 17:00 (15 minutes)

We will consider the construction of 5d superconformal field theories by studying M-theory compactified on a non-compact Calabi–Yau threefold, which is related to the elliptically fibered Calabi–Yau threefold that, in F-theory, constructs the 6d SCFT that circle reduces to said 5d SCFT. We explain how many interesting features of 5d SCFTs, like flavour symmetry enhancement, arise from the elliptic fibration.

Presenter: LAWRIE, Craig (University of Pennsylvania)

Session Classification: Parallel Session