



LABORATORY FOR ELEMENTARY-PARTICLE
PHYSICS (LEPP)

Theory Seminar

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Modern Explorations of Double-Trace Deformations

Large N conformal field theories often admit unitary renormalization group flows triggered by "double-trace" deformations of the action. We compute the effects of such flows on operator dimensions and correlations, and explore their utility in generating stable non-supersymmetric AdS vacua within supergravity. The latter includes special focus on deformations of the ABJM conformal field theories dual to M-theory.

Wednesday, Feb. 7, 2018

2:00pm

401 Physical Sciences Building