

Virtual TEP Seminar

UCLA

Tuesday, March 30th @ 4:00PM

Via Zoom

"5d counter-terms and rigid supergravities"

Martin Fluder (Princeton)

Abstract: In this talk I will focus on the supergravity description of a set of 5d supersymmetric Chern-Simons and higher-derivative terms. This will include a study of the respective space of solutions for the relevant (conformal as well as non-conformal) supergravity theories as well as some results pertaining to their evaluation. The study of such terms will be in detail motivated by their prevalence in a proof of the 6d supersymmetric Cardy formula as well as their importance in a 5d "superconformal anomaly".