An Expository Review of Conformal Field Theories in Higher than 2 Dimensions.

Abstract: In this talk I start with some basic facts about the unitary representations of conformal group in higher than two dimensions, SO (d, 2), d>2. We review known conformal field theories in d=4 and some basic facts about them. We then briefly discuss CFTs in d=3, 6 and the trace anomaly for the 4 and 6 dimensional theories. We end with some recent and open topics about d>2 CFTs.