

## Abstract

By investigating the 2D perspective of the asymptotic symmetries of the near horizon of 5D extremal rotating black holes, we study the corresponding CFT dual. We show that from this point of view both of the gauge fields, corresponding to the two rotating coordinates, play the same role in the asymptotic symmetry and derivation of the associated central charge. We show our results are in agreement with the generalization of Kerr/CFT approach to 5D extremal black holes.