

Abstract: I will talk about the higher symmetries and its anomalies of 4d  $so(2n)$  gauge theory with  $2n_f$  flavors. In particular there is a subtle quantum effect coming from the massless fermions. As an application we see that the higher symmetries and its anomalies matches across the Intriligator-Seiberg duality, which is the duality between  $N=1$   $so$  gauge theories.