

## Large charges in QFT

*Tuesday, 29 September 2020 15:30 (1 hour)*

It has been very recently realized that large charge sectors in QFT's exhibit interesting properties and simplifications. In this talk we will discuss two particular examples, namely the case of  $N=2$  superconformal QCD in  $d=4$  and the case of the Wilson-Fisher fixed point in various dimensions. It turns out that it is possible to find different regimes if the coupling of the theory scales appropriately with the charge, thus finding a variety of interesting behaviors.

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