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## Holographic perspectives for N=2 superconformal theories

We consider N=2 conformal quiver theories in four dimensions which arise as orbifolds of N=4 Super Yang-Mills. Following the recent Gaberdiel-Gopakumar derivation, we can explicitly construct a worldsheet theory corresponding to the free limit of the 4-d gauge theory. Such worldsheet description matches the planar spectrum with a special distinction between the untwisted and twisted sector with respect to the orbifold action. Furthermore, for a special subclass of protected chiral operators we are able to compute the two- and three-point functions both at weak and strong coupling by using a localization approach. In particular the

strong coupling by using a localization approach. In particular the strong coupling results are finally matched with proper dual supergravity computations, determining a nice realization of AdS/CFT correspondence in N=2 context.

## Type of contribution

Contributed Talk or Poster

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