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# Hadron spectroscopy using holographic QCD and 't Hooft equation

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In light-front holographic QCD a Schr\"{o}dinger-like equation determines the transverse mode in the chiral limit. The supersymmetric formulation of holographic QCD each baryon has two supersymmetric partners, a meson and a tetraquark. The mass degeneracy of these partner states is lifted by the combination of two mechanisms: chiral symmetry breaking and longitudinal confinement. In this talk, we show that when 't Hooft equation determines the longitudinal mode, a good global description of the full hadron spectrum is obtained.

## In-person participation

Yes

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