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## Probing confinement in holography

*Wednesday, November 24, 2021 10:55 AM (20 minutes)*

I will present a family of solutions of Type IIA supergravity that holographically describe gauge theories with interesting IR dynamics. We will examine how this family interpolates between conformal and confining regimes and study the different physics that Wilson loops and entanglement entropies can probe in these theories. Finally, we will uncover a rich finite temperature phase diagram, endowed with a triple point, a critical point where a second order phase transition occurs and a branch of phase transitions occurring at finite temperature but vanishing entropy.

**Primary author:** SUBILS, Javier (Stockholm University)

**Presenter:** SUBILS, Javier (Stockholm University)