

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

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**Hadrons at zero temperature
and density in a holographic
model of QCD**

I investigate hadron properties at zero and finite temperature and density through a holographic model of QCD known as "Soft Wall model". I describe spectra, decay constants of scalar glueball and mesons studying two-point correlators at zero temperature, and discuss the holographic realization of chiral symmetry breaking within the model. I then extend the analysis to finite temperature and density effects on the spectral functions of hadrons in a hot and dense medium.

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