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Holographic description of QGP production in heavy ion collisions.

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Dual holographic approach provides a powerful tool to study the static properties of QGP as well as its thermalization.

There are models that reproduce perfectly the static properties of QGP, meanwhile others models are used to reproduce non-static characteristics, for example the charged multiplicity dependence on the energy.

We propose a holographic background that reproduces at large and small distances the Cornell potential and in which collision of shock domains recovers the experimental energy dependence of multiplicities obtained recently at LHC.

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