

Abstract Submitted
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QGP, Hydrodynamics and AdS/CFT¹ ADRIÁN SOTO,
Stony Brook University — Experimental research in Quark-Gluon Plasmas has been very active during the last years at RHIC, and its behavior is not yet properly understood. Recently, theoreticians have found that String Theory can give some predictions about their thermodynamical and hydrodynamical properties. In particular, the value for the shear viscosity to entropy ratio $\frac{\eta}{s} = \frac{1}{4\pi}$ has been computed. However, this seems to be a lower bound instead of the actual value of that ratio. In the talk motivation to study these systems will be given and the theoretical framework will be introduced, particularly SUSY $\mathcal{N} = 4$.

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Prefer Oral Session
 Prefer Poster Session

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