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AdS/dS gauge/gravity correspondence

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We propose and study a holographic dual of the type IIB superstring theory of AdS_5xS^5 in terms of the N=4 superconformal Yang-Mills theory on dS_4 . We review the bulk to boundary formalism to evaluate the boundary correlation functions. Then we present several non-local observables related to heavy quarks in the dual theory on dS_4 .

Summary

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