

# String theory and black holes through AdS/CFT: Fast review

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## Abstract

The theories of the Standard Model and General Relativity do not provide all the answers to the current open problems of theoretical high-energy physics. On the other hand, string theory constitutes a very fertile theoretical framework where it is possible to find several answers and build physics beyond the standard model. Furthermore, it is the most compelling candidate to become the quantum theory of gravity. In this work we make a first approach to the theory of bosonic strings, where we show some important results incorporated into black holes, in the context of holographic duality.

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