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# BASICS OF DE SITTER AND ANTI-DE SITTER PHYSICS

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## **Abstract**

The anti-de Sitter geometry appears in many areas of theoretical physics, mainly in the context of AdS/CFT and de Sitter geometry plays an important role in cosmology. The aim of the talk is to give a short geometrical introduction to the de Sitter and anti-de Sitter universes. I will talk about geometry, modes and green functions in these highly symmetric spaces.

**Date :** Thursday, September 26, 2019

**Time:** 10:00

**Place:** IMBM Seminar Room, Boğaziçi University South Campus