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ARNOLD SOMMERFELD  
CENTER FOR THEORETICAL PHYSICS



# Arnold Sommerfeld Lecture Series

Professor Juan Maldacena

IAS Princeton, USA

Research Seminar:

Comments on the phase of the Euclidean gravity  
partition function on spheres

Euclidean gravity on a sphere (euclidean de-Sitter) gives rise to some phase factors. We discuss how these phase factors change when we include an observer. We also discuss situations involving products of spheres.

Friday, July 4, 14:15 h, Room A348, Theresienstr. 37, LMU

Prof. Dieter Lüst