



Sommerfeld Theory Colloquium

Prof. Guilherme Leite Pimentel

Scuola Normale Superiore Pisa

Decoding Primordial Fluctuations

All the information we will ever obtain from the early universe is imprinted in the spatial correlations of primordial fluctuations at the hot Big Bang. I will explain how an influx of ideas from various areas of fundamental physics is providing us with new conceptual and practical tools to decode the physics of these primordial fluctuations. A thorough understanding of the fluctuations will give us insight into particle physics at high energies and may provide a window into the nature of spacetime itself.

Wednesday, 3 June 2026, 16:15h, Room A348, Theresienstr. 37/III

Prof. Ivo Sachs