



Sommerfeld Theory Colloquium

Prof. Paolo de Bernardis

La Sapienza, Rome, Italy

Precision Measurements of the Cosmic Microwave Background

We review the current status of measurements of the spectrum, anisotropy and polarization of the CMB, and their impact on cosmology. We show that there is still a large discovery potential in these measurements, complementing and synergic to other cosmology observations. We also describe a selection of new measurement efforts, including high precision measurements of CMB polarization with ground-based, stratospheric balloon and satellite experiments, focusing on the astrophysical and technological limits of these measurements.

Wednesday, 28 January 2015, 16:15h, Room A348/349, Theresienstr. 37/III