



Sommerfeld Theory Colloquium

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Structure formation, cosmic averages and cosmic variance

A fundamental problem of general relativity is how to average space-time in a sensible way. In the context of cosmology, an averaging procedure of the locally inhomogeneous Universe is assumed to give rise to a spatially isotropic and homogeneous distribution. However, an explicit construction of such an average is still missing. Although it has been speculated for a long time that averaging might explain the phenomenon of dark energy, a final answer is still missing. In this talk I will report on recent progress on this problem.

Wednesday, 7 November 2012, 16:15h, Room A348/349, Theresienstr. 37/III

Prof. S. Hofmann