



LUDWIG-
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UNIVERSITÄT
MÜNCHEN

ARNOLD SOMMERFELD
CENTER FOR THEORETICAL PHYSICS



Arnold Sommerfeld Lecture Series

Professor Alexander Vilenkin

Tufts Institute of Cosmology, USA

Sommerfeld Theory Colloquium:

Looking for Cosmic Strings

Cosmic strings are linear defects that could be formed at a phase transition in the early universe. Strings are predicted in a wide class of particle physics models. In particular, fundamental strings of superstring theory can have astronomical dimensions and play the role of cosmic strings. I will discuss recent progress in understanding the evolution of cosmic strings and possible ways of detecting them.

Wednesday, 4th May 2011, 16:15 h, Room A348/349, Theresienstr. 37, LMU

Prof. V. Mukhanov