



Sommerfeld Theory Colloquium

Prof. William Terrano

Washington University, Seattle

Searching for New Forces Using Torsion Pendula

Equivalence principle violation, deviations from the inverse-square law of gravity, and long-range interactions between particle spins offer powerful tests of beyond-the-standard-model physics. Using a torsion pendulum, a technique that dates to the 18th century, is still the most sensitive way to search for these signatures of new physics. I will talk about how the experiments are done and give an update on the current and future status of such torsion balance experiments in the Eot-Wash group.

Wednesday, 23 July 2014, 16:15h, Room A348/349, Theresienstr. 37/III

Prof. I. Sachs