

Fellesseminar IFT – Aud B, Friday, March 15, 14.15

Sabrine Hossenfelder, Nordita:

### **News from Quantum Gravity Phenomenology**

I will talk about recent developments in the search for experimental signatures for quantum gravitational effects. Some of the topics that I will cover are the prospects of finding Planck scale effects in gamma ray bursts, in neutral Kaon oscillations, or with massive quantum oscillators. I will also comment on the prospect of finding holographic noise and on Bekenstein's proposed table top experiment. This is not a review talk; it is a hand selected assortment of topics I think are interesting.