

FAKULTÄT für PHYSIK
LUDWIG-MAXIMILIANS-UNIVERSITÄT
MÜNCHEN/GARCHING

PHYSIK-DEPARTMENT
TECHNISCHE UNIVERSITÄT MÜNCHEN
MÜNCHEN/GARCHING

MLL-KOLLOQUIUM

Donnerstag, 19.12.2013, 16¹⁵ Uhr

Hörsaal der LMU in Garching, Am Coulombwall 1
Treffen zum gemeinsamen Kaffee 16 Uhr

Prof. Elisa Resconi

(Physik-Department, TUM and Excellence Cluster 'Universe')

High energy neutrinos from the Cosmos ? Recent results from the IceCube Neutrino Telescope

The neutrino observatory IceCube is opening a new observational window to the Universe. IceCube, which has been fully constructed in the icecap at the South Pole, is taking data since Spring 2011 in full configuration. The first years of data revealed the existence of extremely high neutrinos at the PeV scale. The observed diffuse neutrino flux is with high probability of astrophysical origin. In this talk I will summarize the recent observation and discuss the prospect for point source searches.

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