

**FAKULTÄT für PHYSIK
LUDWIG-MAXIMILIANS-UNIVERSITÄT
MÜNCHEN/GARCHING**

**PHYSIK-DEPARTMENT
TECHNISCHE UNIVERSITÄT MÜNCHEN
MÜNCHEN/GARCHING**

MLL-KOLLOQUIUM

Donnerstag, 27.04.2017, 16¹⁵ Uhr

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

Prof. Karsten Danzmann

**(MPI f. Gravitationsphysik (Albert-Einstein Institut) u. Leibniz-Universität,
Hannover)**

Gravitational Wave Astronomy: We can hear the Dark Universe!

Since thousands of years we watch the Universe with our eyes. But more than 99% of the Universe are dark and will never be observed with electromagnetic waves.

Since September 14, 2015, everything has changed:

Gravitational waves have been discovered!

We got a new sensory organ and finally can hear the dark side of the Universe. The first sounds that we heard originated from completely unexpected heavy Black Holes.

And nobody knows which other dark secrets are waiting for us out there.

gez. Peter Thirolf
Tel. 289-14064

gez. Norbert Kaiser
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