



WESTFÄLISCHE  
WILHELMS-UNIVERSITÄT  
MÜNSTER



FACHBEREICH  
PHYSIK

# › Allgemeines Physikalisches Kolloquium

› Donnerstag, 23.11.2017 um 16 Uhr c.t.

*Prof. Dr. Marek Kowalski*

DESY, Humboldt Universität Berlin



## A new Era in Multi-Messenger Astronomy

With the recent discoveries of gravitational waves and high-energy cosmic neutrinos, we are witnessing the beginning of a new era in Multi-Messenger astronomy. The exploration of the Universe through these new messengers, along with electromagnetic radiation and cosmic rays, provides for new insights into the most extreme, energetic cosmic events, environments and particle accelerators. The objects of interest range from galaxies with accreting supermassive black holes in their center to coalescing stellar neutron stars. In my talk I will discuss some of our recent observations, as well as selected future directions.

Kolloquiums-Kaffee  
ab 16 Uhr vor dem Hörsaal

Wilhelm-Klemm-Straße 10  
Institutsgruppe 1 Hörsaal HS 2