

Theoriekolloquium

Am **2. Juni** um **14.15 Uhr** in **W2 1-143** hält

Herr Prof. Dr. Wolfgang Duschl (Kiel)

einen Vortrag mit dem Titel

The Evolution of Active Galactic Nuclei – Individually and as an Ensemble

Quasars, and Active Galactic Nuclei (AGN, for short) in general, are among the most efficient energy sources in the Universe. They balance their energy budget by liberating potential energy through accretion of matter into super-massive black holes. Due to their high luminosity, they are ideal test bodies which can be observed almost throughout the entire Universe's history.

As ever so often in astrophysics, we are confronted with the problem of exceedingly long evolutionary timescales of individual objects which are not accessible to direct observation.

In my talk, I will address several problems related to the evolution of individual objects as well as that of entire ensembles of AGN, an example being, for instance, the processes limiting the mass growth of black holes.

Interessierte sind herzlich eingeladen.

gez. Prof. Dr. Jutta Kunz