

## Spectroscopy of ultraluminous and interacting galaxies

Dieter Lutz

MPE, Postfach 1312, 85741 Garching, Germany

*lutz@mpe.mpg.de*

The potential of mid- and far-infrared spectroscopy for quantitative studies of starburst and active galaxies, and for uncovering the power sources of obscured ultraluminous galaxies, has for the first time been demonstrated by the ISO mission.

I will report on the results of infrared spectroscopy of star forming galaxies, AGN, and ultraluminous infrared galaxies, and extrapolate on how spectroscopy with FIRST will be able to advance our knowledge of these objects both locally and at higher redshifts.