

AN OBSERVATIONAL INVENTORY OF THE ISM PROPERTIES OF NEARBY GALAXIES

Adam LEROY

(Ohio State University, USA)

Monday, July 12, 2021, 13:30-15:15 (CEST)

This lecture will give an observational overview of the contents of the interstellar medium (ISM) in present day (z=0) galaxies. I will review the basic contents of the ISM in different types of galaxies, including discussing the atomic gas, molecular gas, and dust in late-type, early-type, and dwarf galaxies. I will also touch on some of the key observational techniques to measure these properties and I will summarize some of the basic structural properties of the ISM within galaxies.