

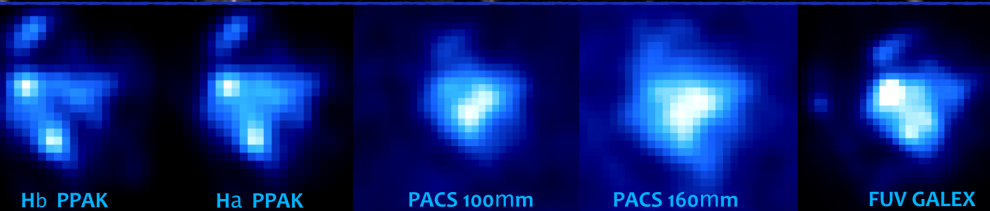
COMBINING PPAK IFS and PACS-SPIRE

HERSCHEL DATA:

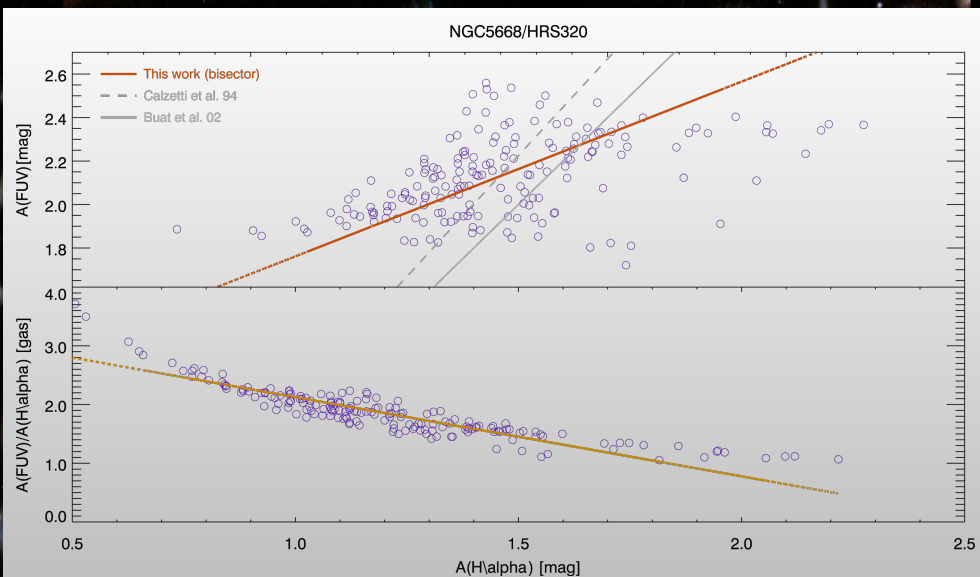
a multi-wavelength study of dust properties in spiral disk.

POSTER C17

R. A. Marino, A. Boselli, M. Boquien, A. Gil de Paz, S. F. Sánchez, A. Castillo-Morales, J.C. Muñoz-Mateos, J. Zamorano, F. Sánchez-Moreno.



The study of the distribution and physical properties of interstellar dust in galaxies and its relation with the chemical composition of the ionized gas can provide important clues on the chemical evolution of the ISM in galaxies.



- GOALS**
- Investigate the dependence of the dust-to-gas ratio and dust temperature with the metal abundance and the SFR
 - Compare the attenuation of the stellar continuum (from TIR and UV) with that of the ionized gas (from the Balmer decrement)