

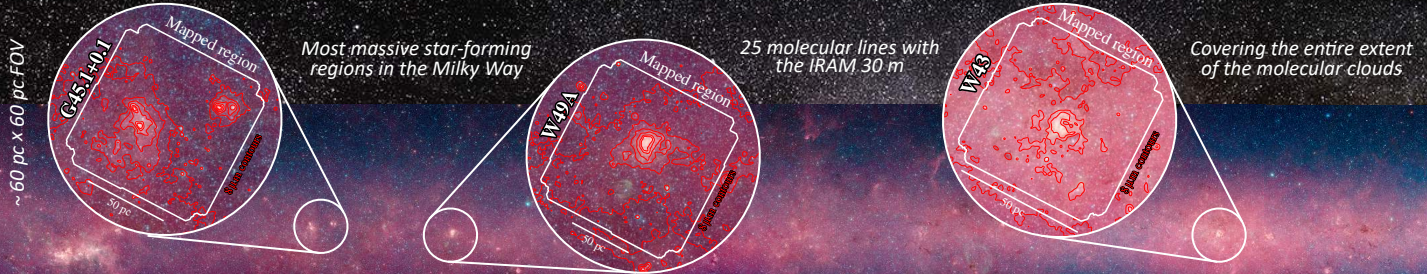


LEGO: Connecting probes of dense gas from the Milky Way to external galaxies



Lukas Neumann (ESO fellow), Ashley Barnes, Frank Bigiel, Jens Kauffmann & the LEGO team

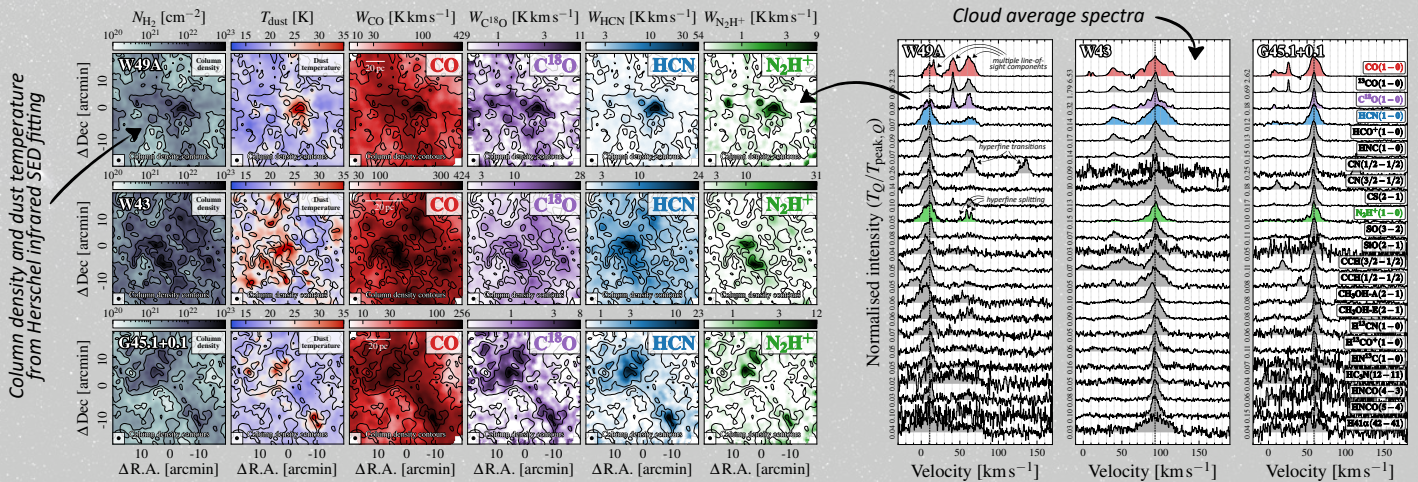
LEGO = Line Emission as a tool for Galaxy Observations



Credit: NASA/JPL-Caltech/GLIMPSE Team

The extragalactic perspective on Galactic star-forming regions

Molecular line emission across massive star-forming regions with the IRAM 30 m



Emissivity of dense gas probes

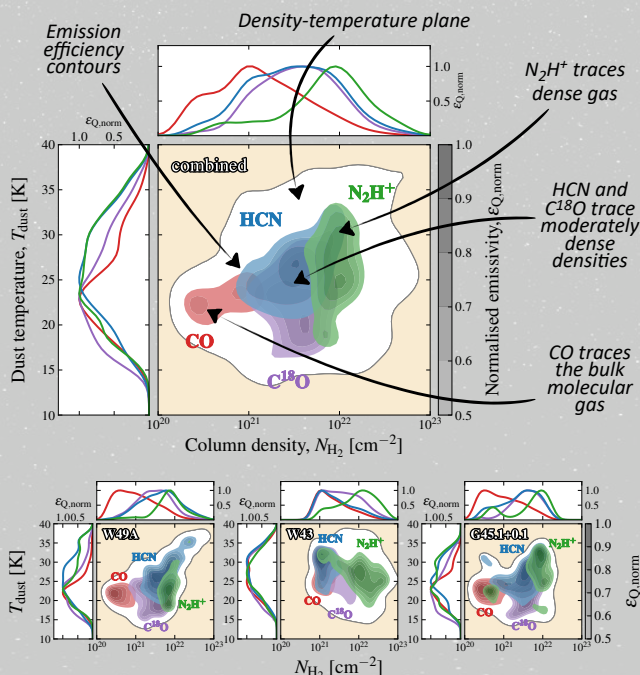


Figure: Emission efficiency of molecular lines in the column density-dust temperature plane.

Connection to nearby galaxies

