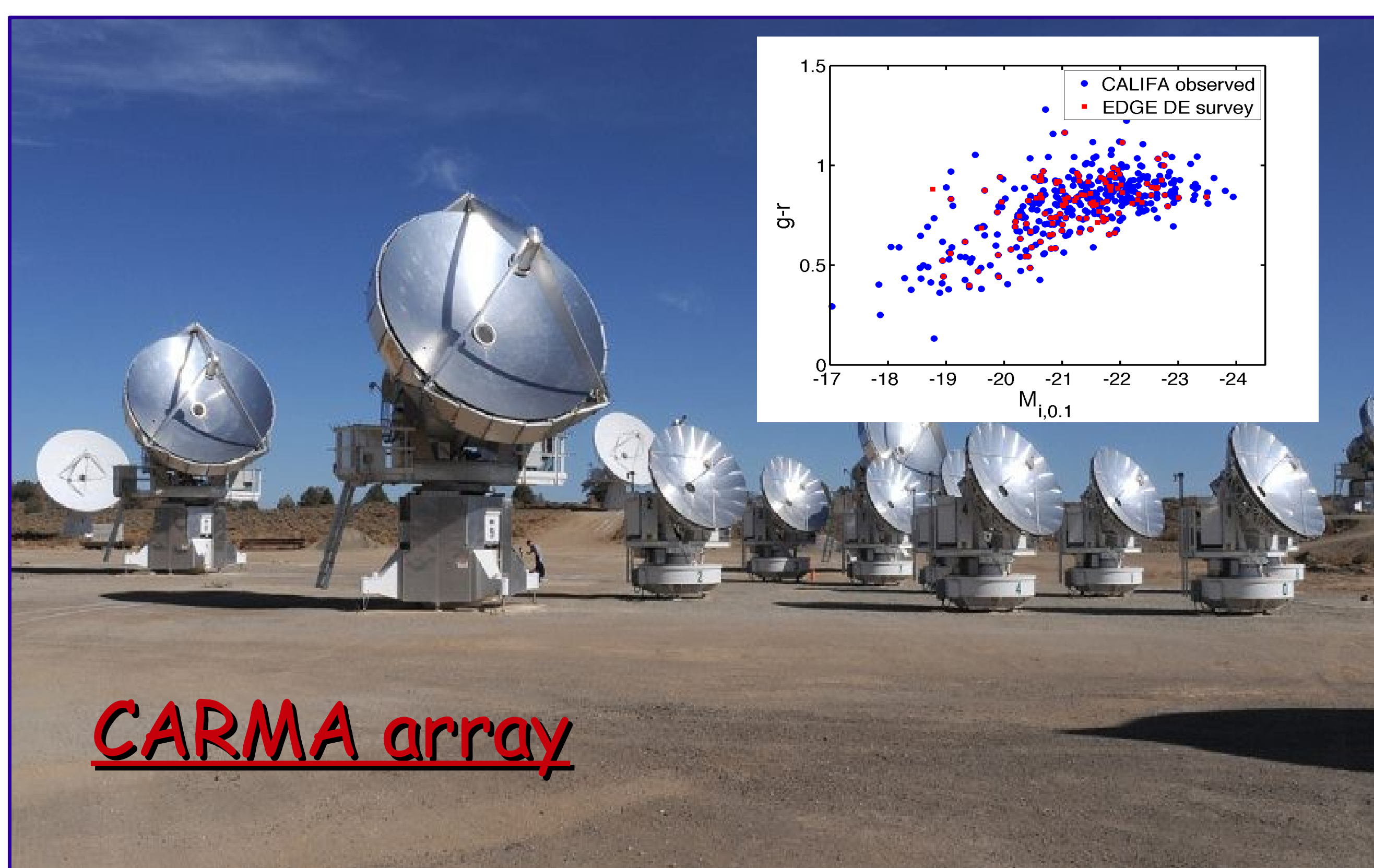
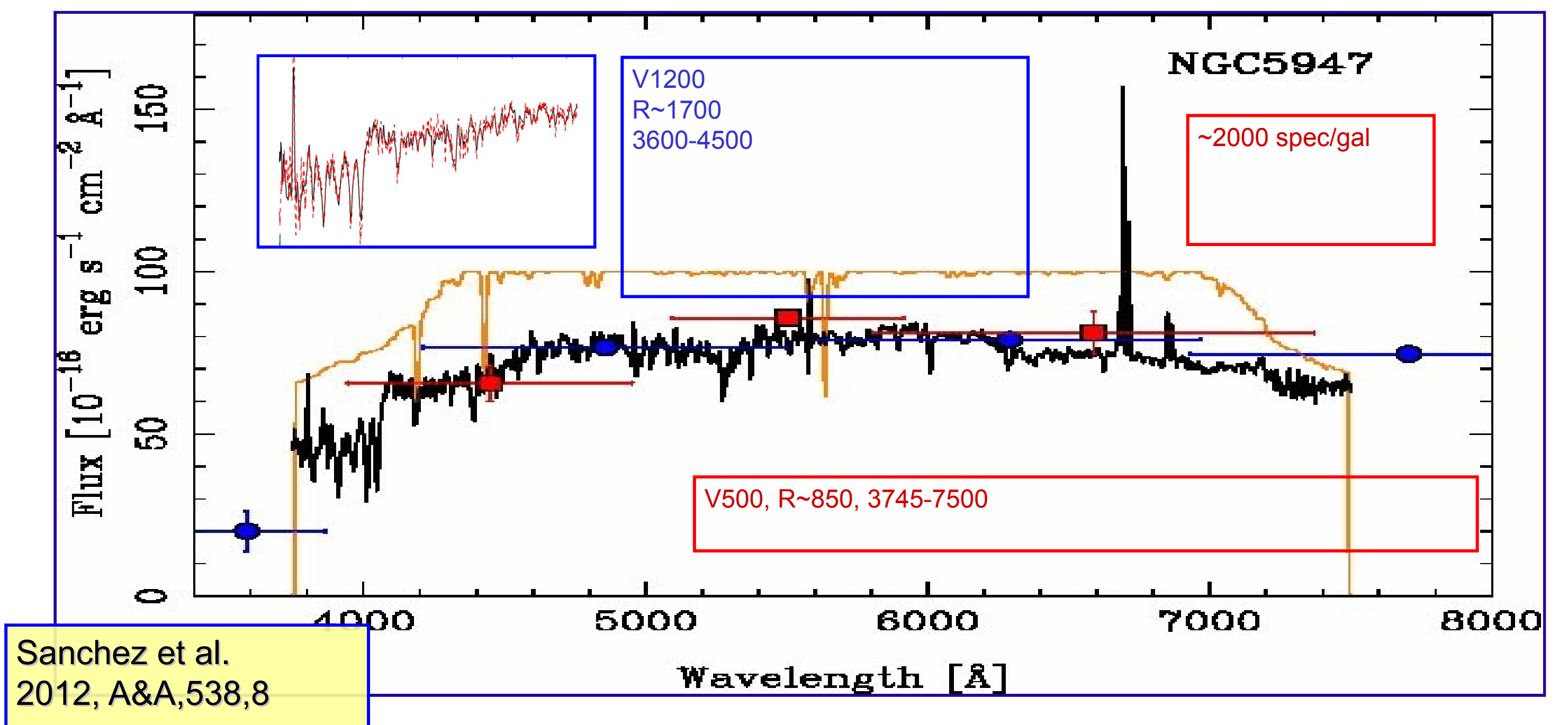
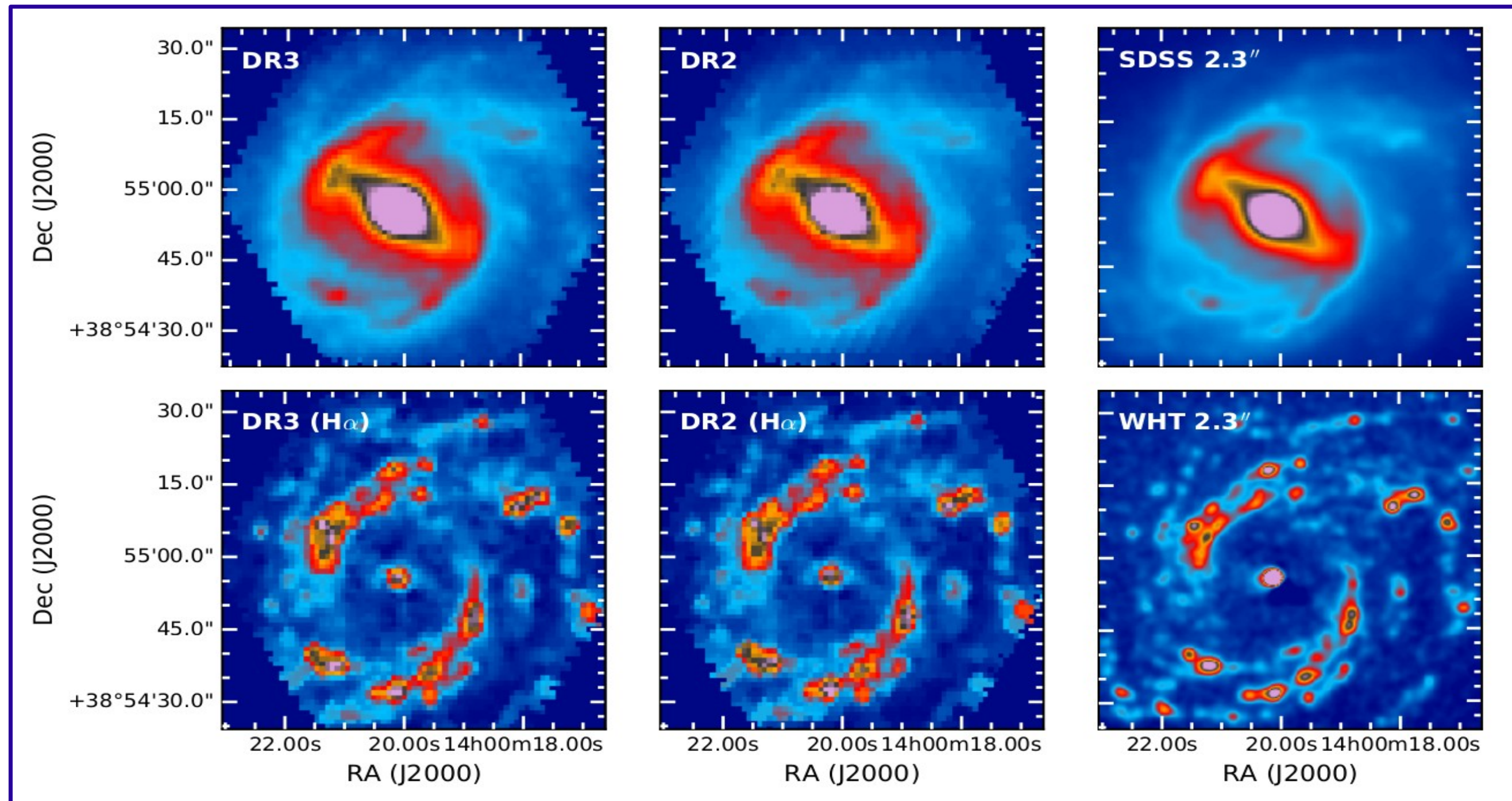


The EDGE survey: CO-mapping of CALIFA galaxies

A. Bolatto (U. Maryland), S.F.Sánchez (UNAM) and the EDGE collaboration

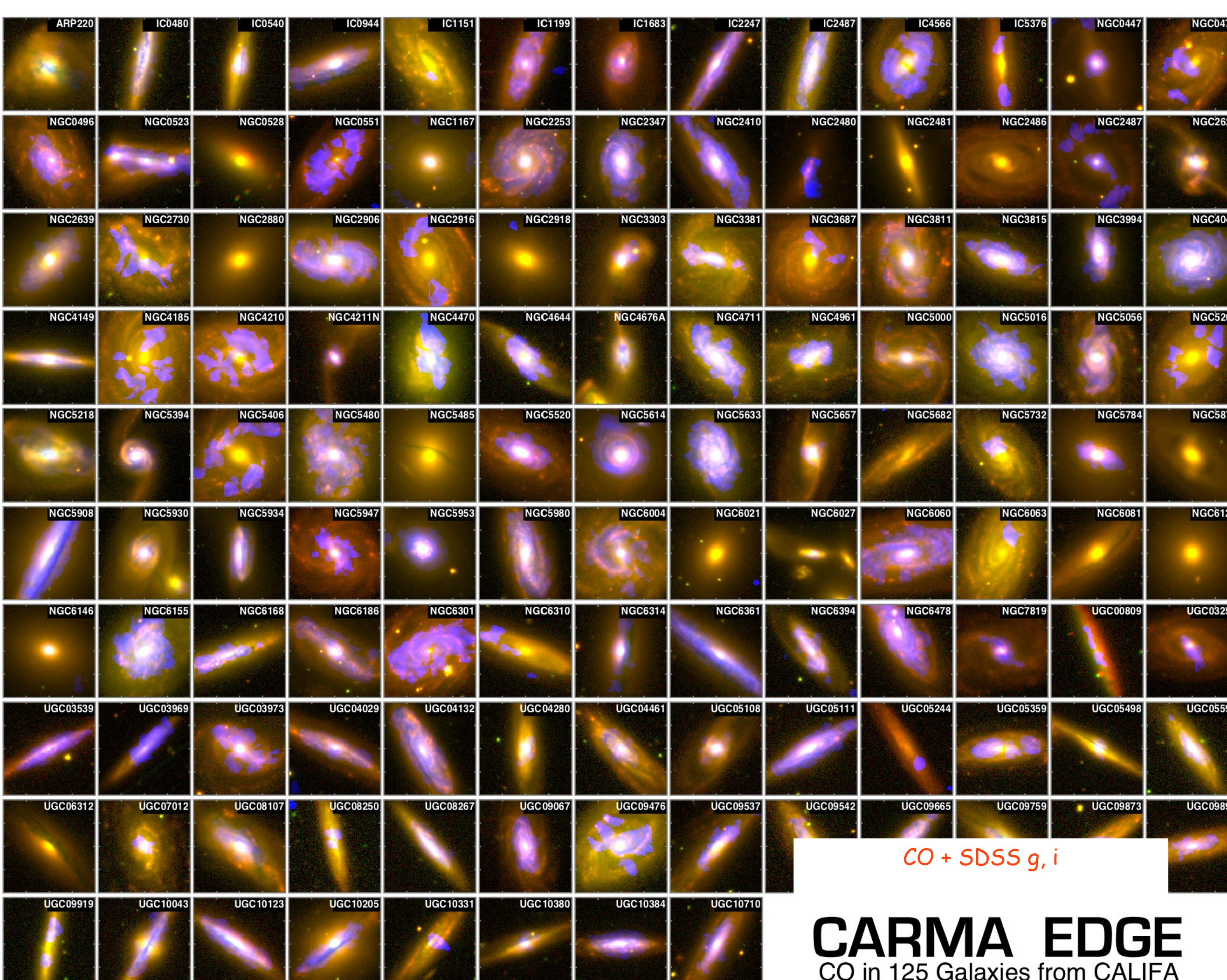
CALIFA Summary

- Acquiring IFU data, 3700-7500Å, full optical extension, $\sim 2.5''$ resolution.
- Galaxies in the Local Universe, covering the full CM diagram above $M_{st} > 10^9 M_{sun}$.
- 667 galaxies in 3rd Data Release

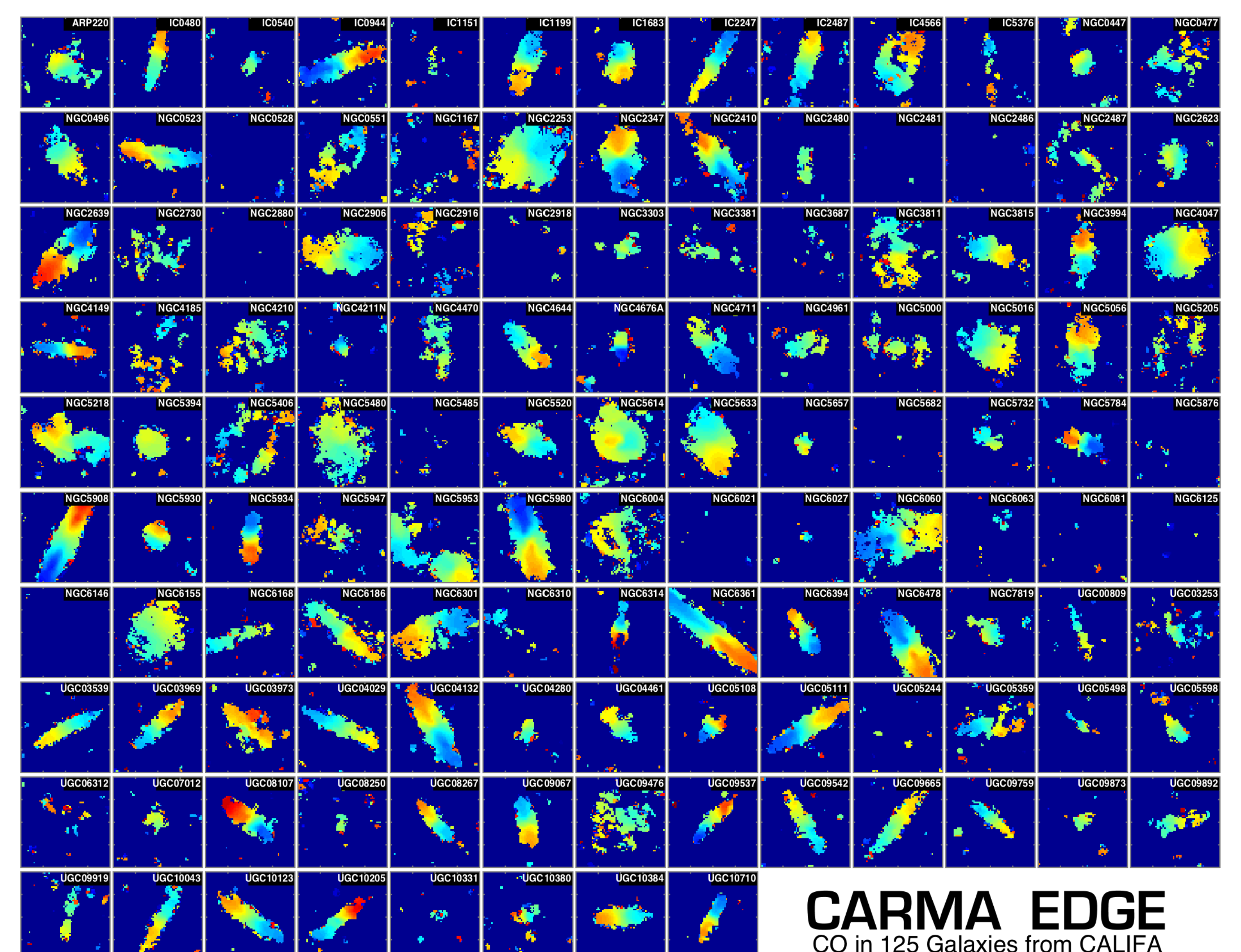


EDGE Summary

- Observations performed with CARMA.
- Galaxies extracted from the CALIFA observed sample.
- CO intensity and velocity maps derived for 177 galaxies (5" resolution)
- 125 galaxies observed down to 3" resolution.
- Benchmark for an ALMA large project.



CARMA EDGE
CO in 125 Galaxies from CALIFA



CARMA EDGE
CO in 125 Galaxies from CALIFA

EDGE Preliminary Results

- Data reduced. CO intensity, velocity and velocity dispersion maps derived for all the galaxies.
- We have just started the science analysis