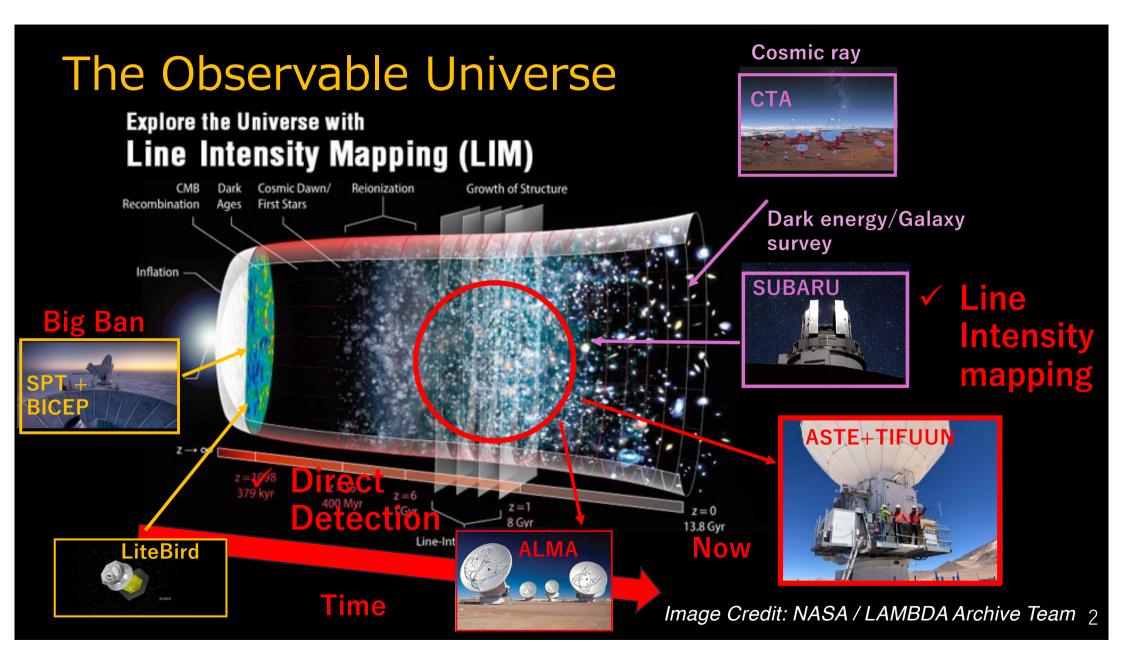
Synergy between galaxy formation and cosmology using submillimeterwave line intensity mapping

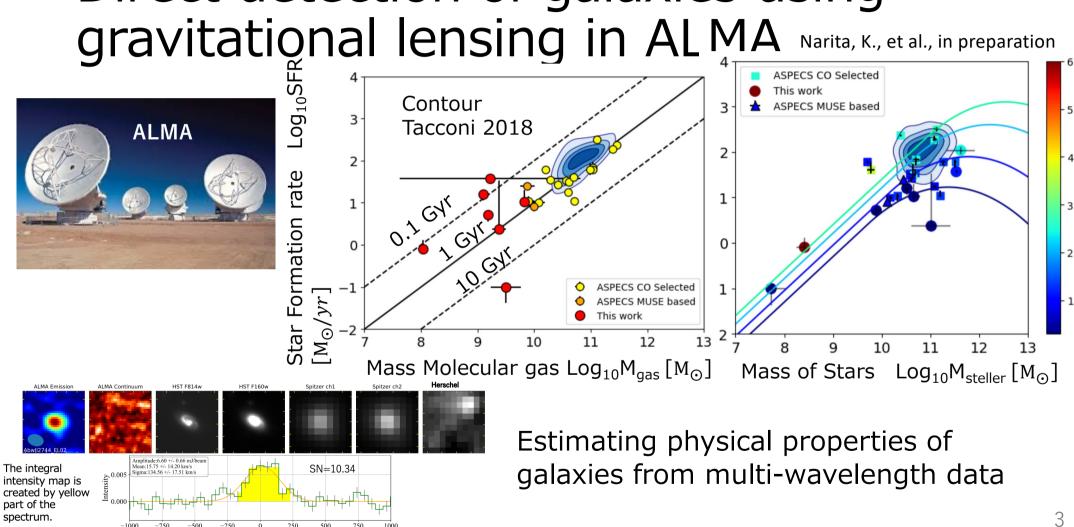
Kanako Narita The University of Tokyo



Image credit: Aaron M. Geller, Northwestern, CIERA + IT-RCDS

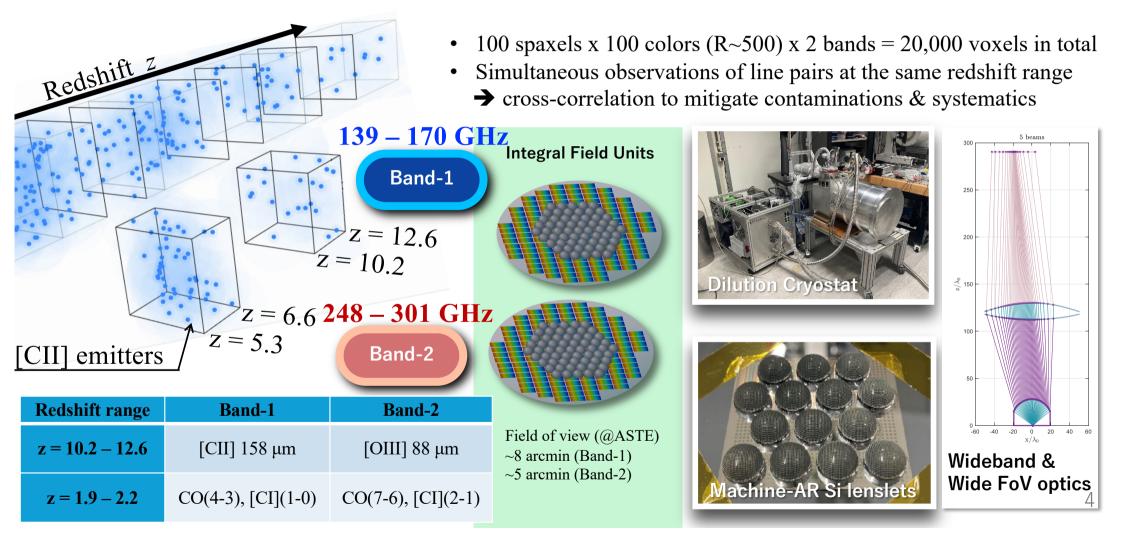


Direct detection of galaxies using Narita, K., et al., in preparation



Velocity (km/s)

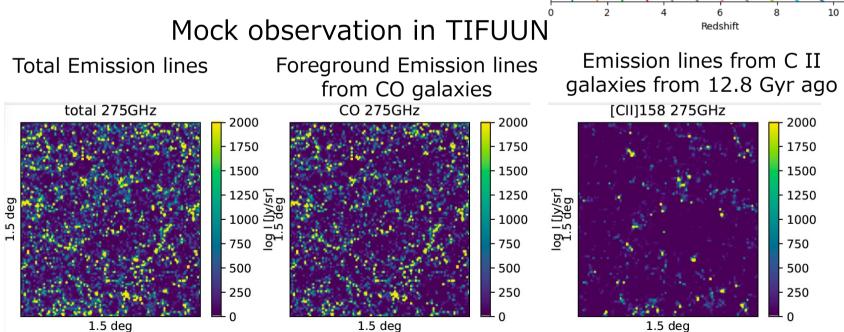
Dual-band line intensity mapping using TIFUUN **TIF**

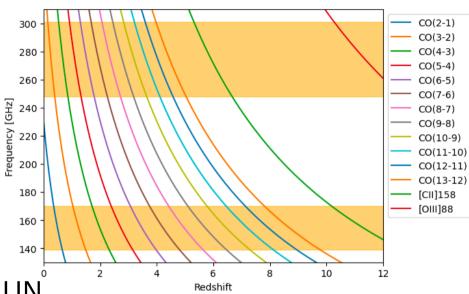


Development of analytical methods for intensity mapping observations

✓ Removal of emission lines from foreground galaxies

Dual band detection of foreground line emitters!





Back up slides

