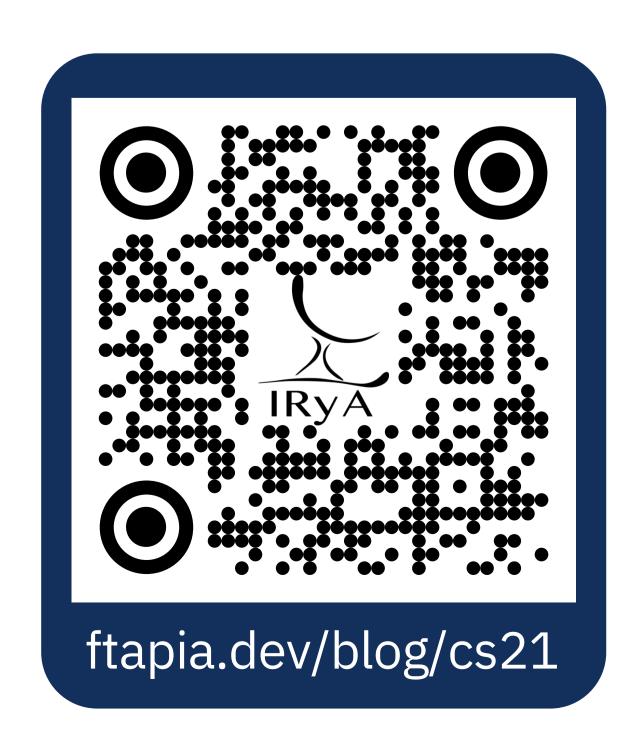
## New Insights into Stellar Atmospheres at Millimeter, Submillimeter, and Infrared wavelengths

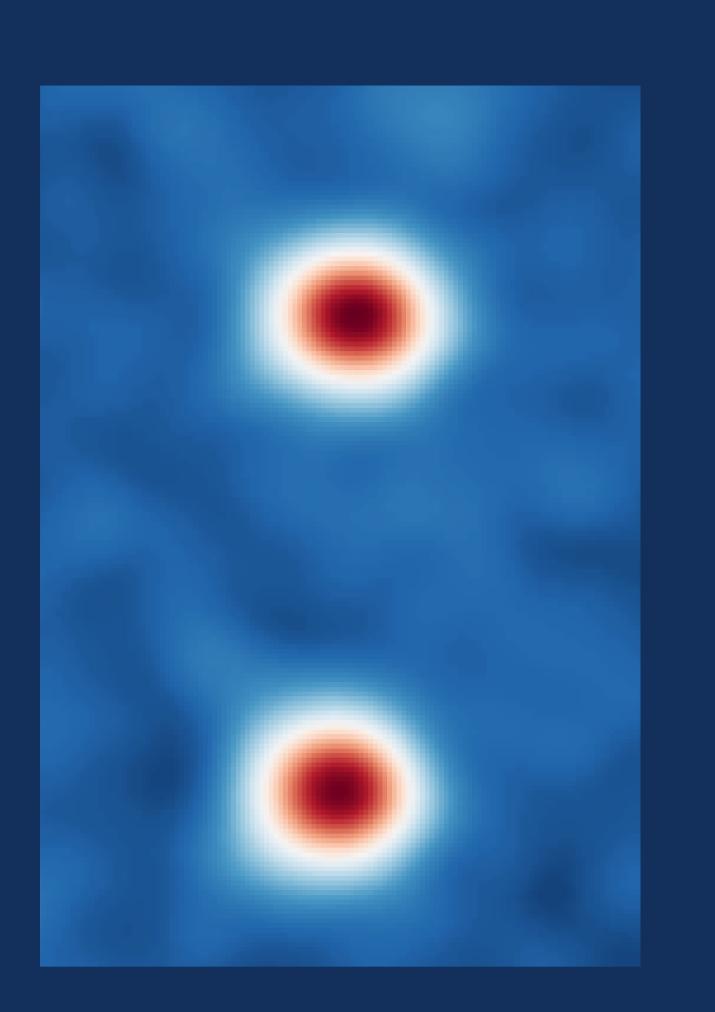
## Method

Observed flux of 7 mainsequence stars by ALMA, VLA, Herschel, and IRAM

Atmospheric model of the stars (height vs Tb, ne, P, H, He, + 21 atoms) are computed by KINICH-PAKAL (observed spetrum + synthetic model in NLTE approximation)

Left: relationship between frequency and effective temperature.
Right: correlation between positon of temperature minimum and effective temprature





## Temperature minimum at the chromosphere is proportional to effective temperatures in main sequence stars

