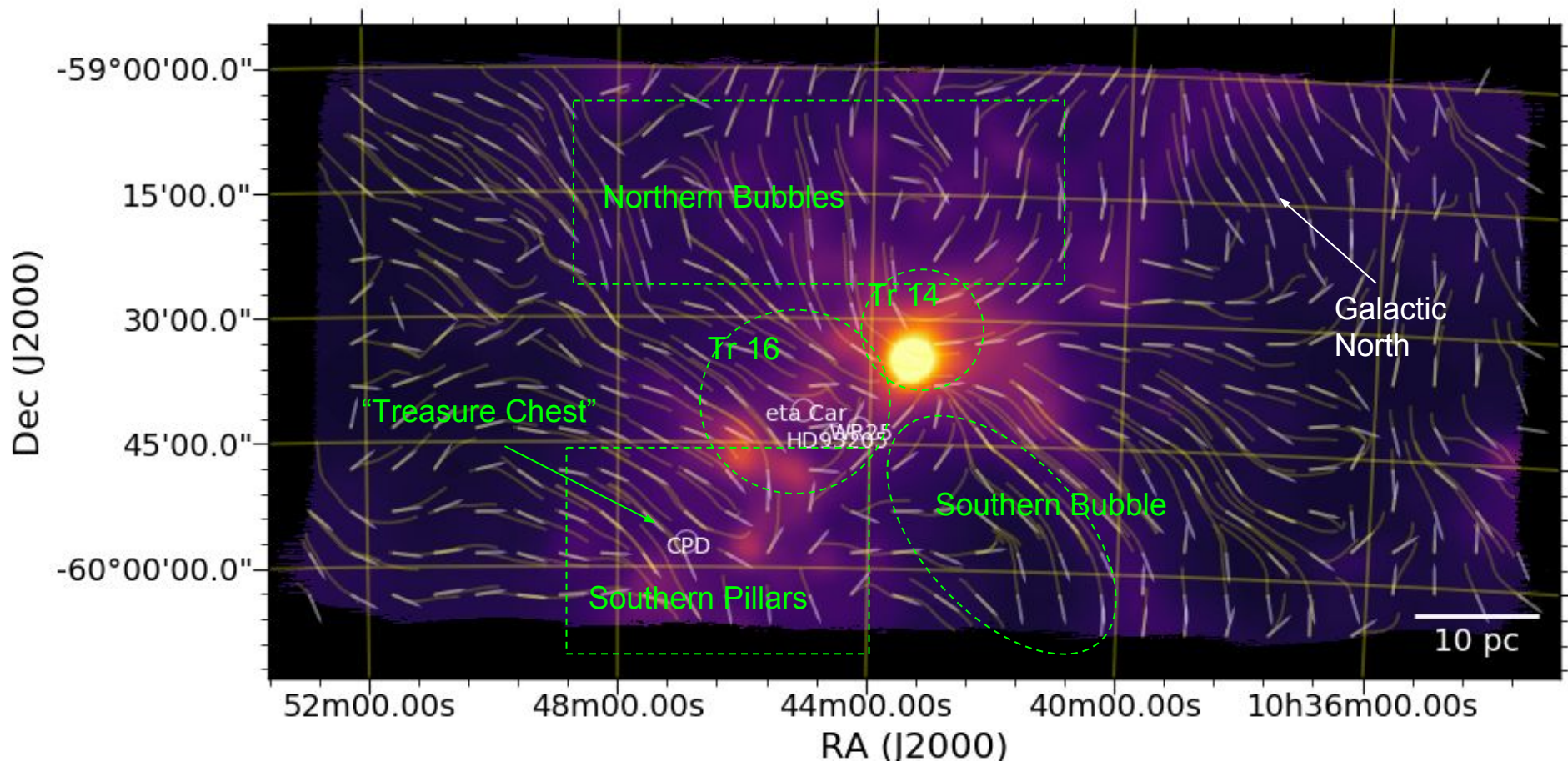


BlastPol Carina Nebula: B-field Morphology II

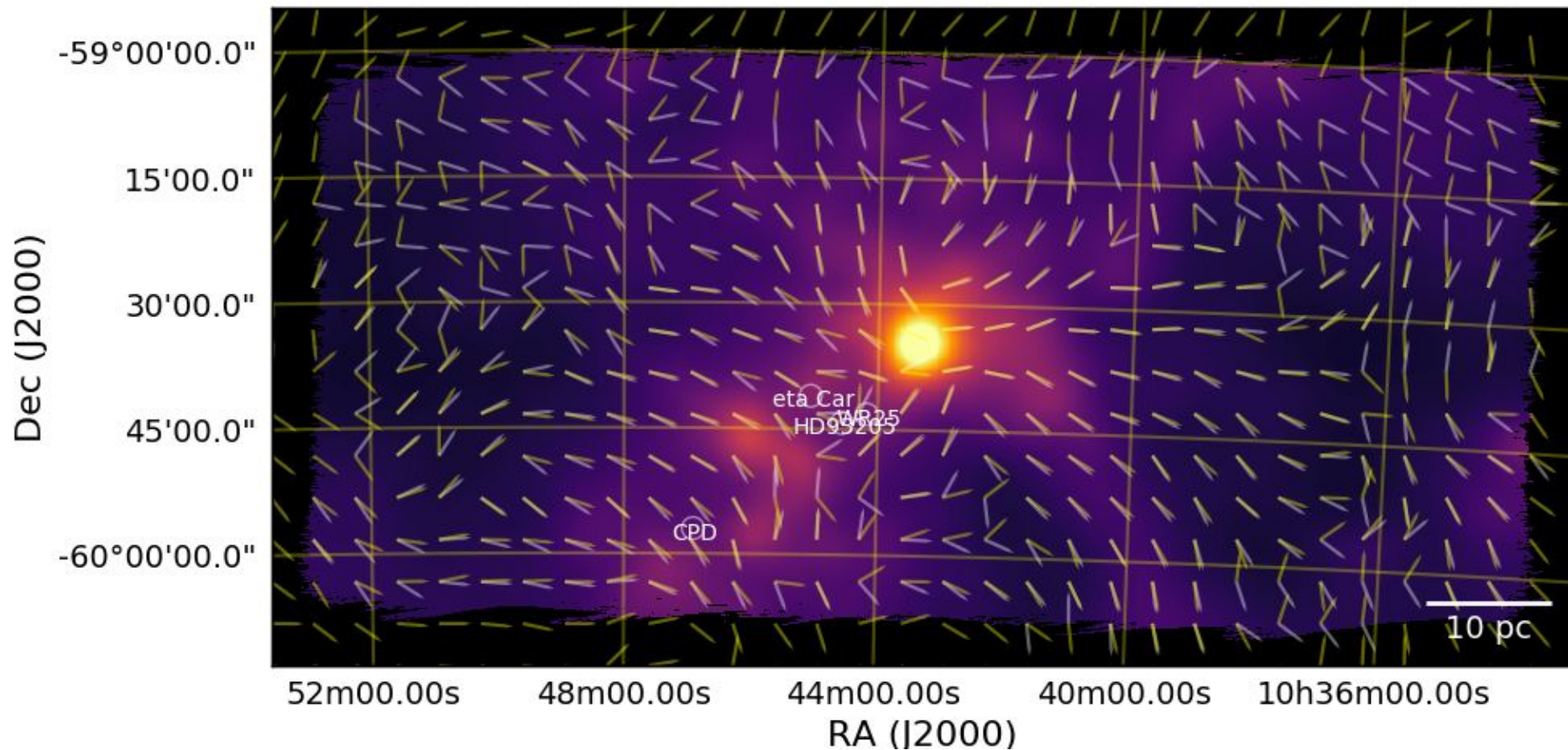
Sam Gordon
01/15/2018

250 μm intensity (smoothed to 3'), Streamlines = Inferred B_{\perp}

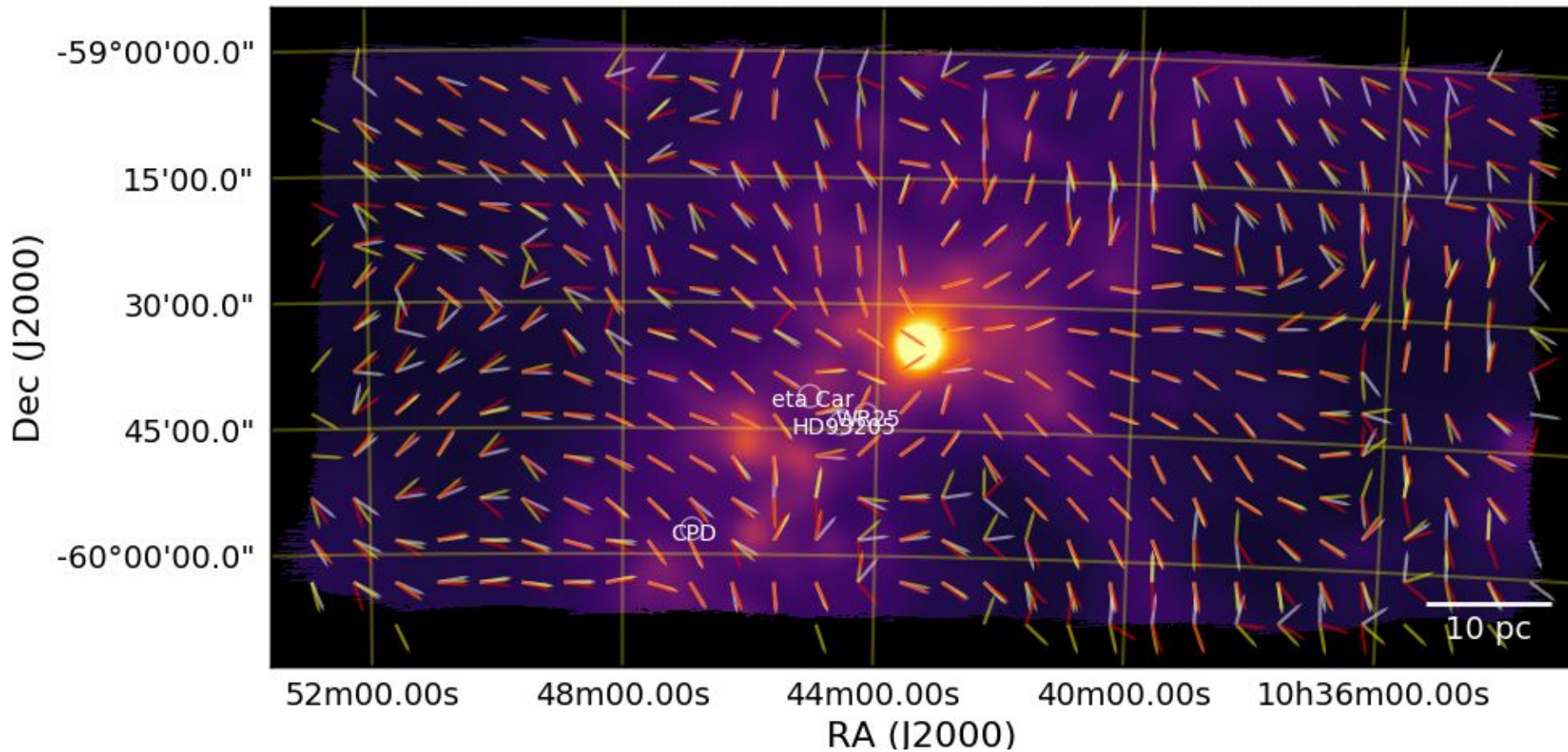


BlastPol 500 μm (4.8') vectors (white)

Planck 850 μm vectors (yellow) _{\perp}



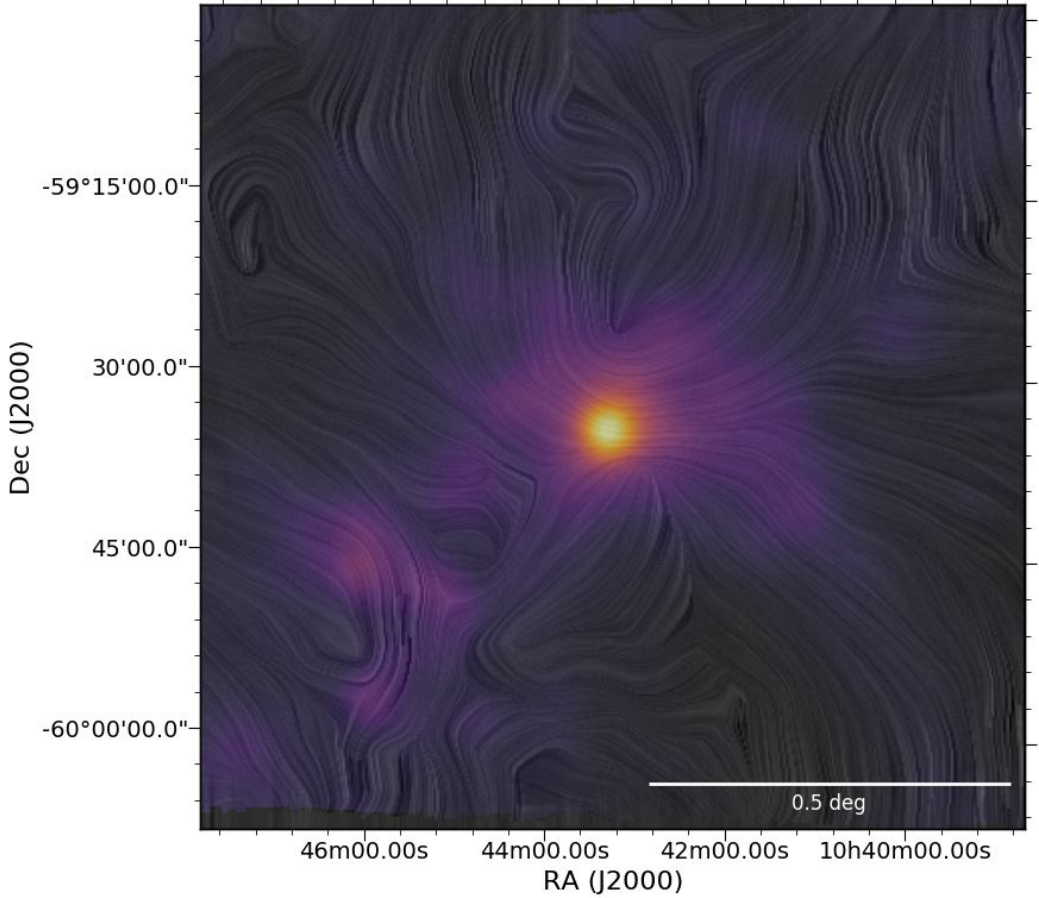
250 (white), 350 (yellow), 500 μm (red)



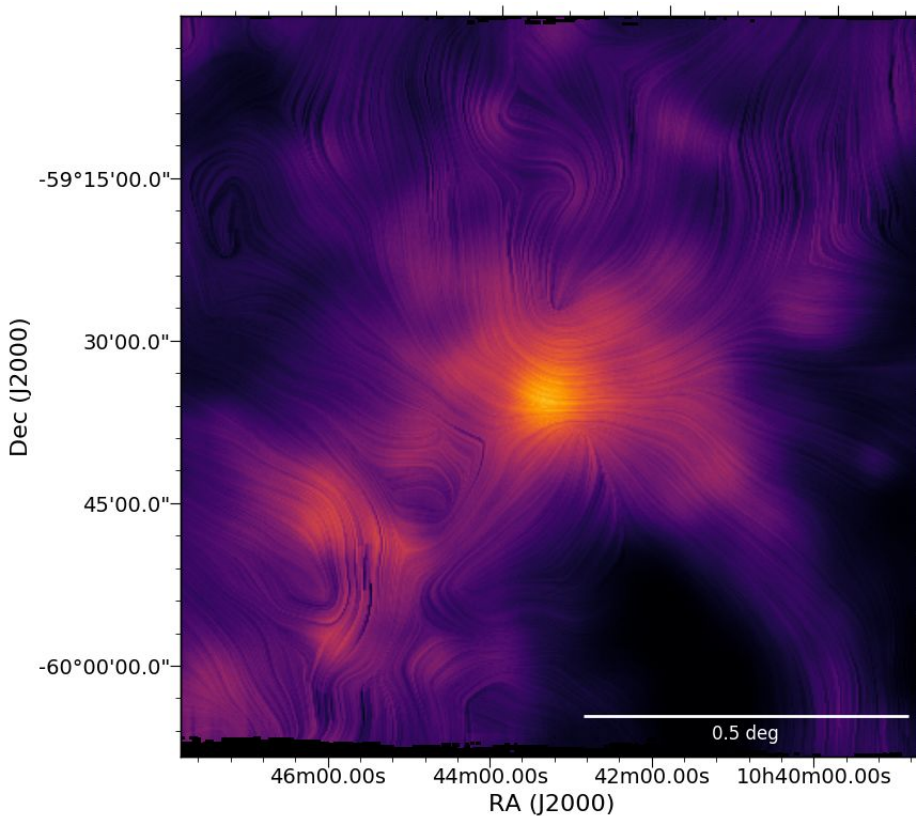
Line Integral Convolution (LIC), three representations

I) Overplot with intensity

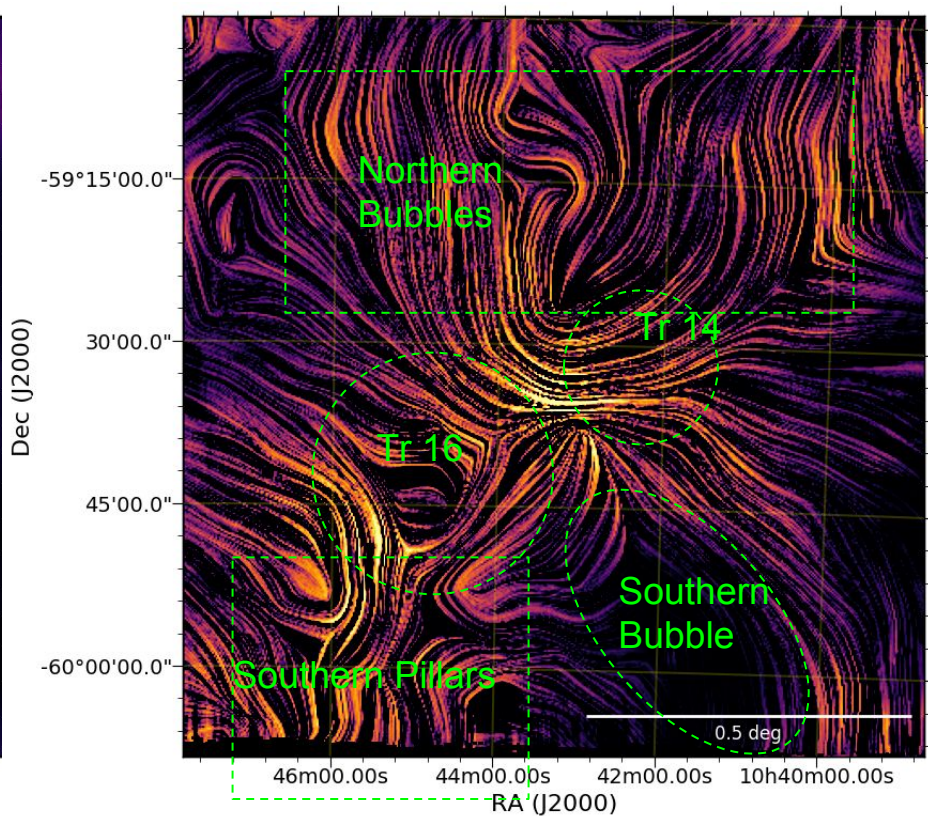
B_{\perp}



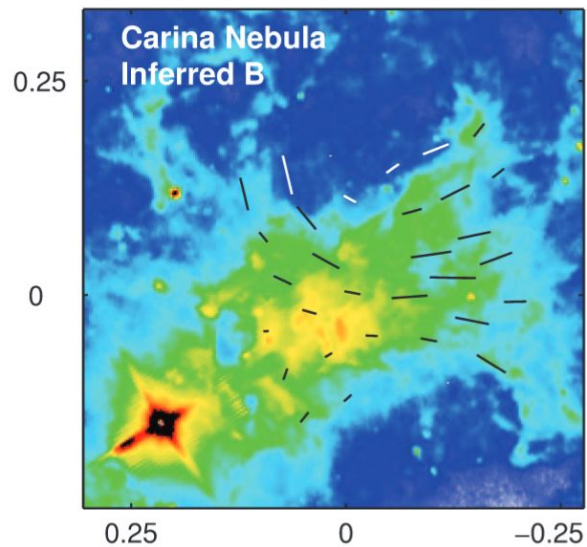
2) LIC * Intensity, stretch 1



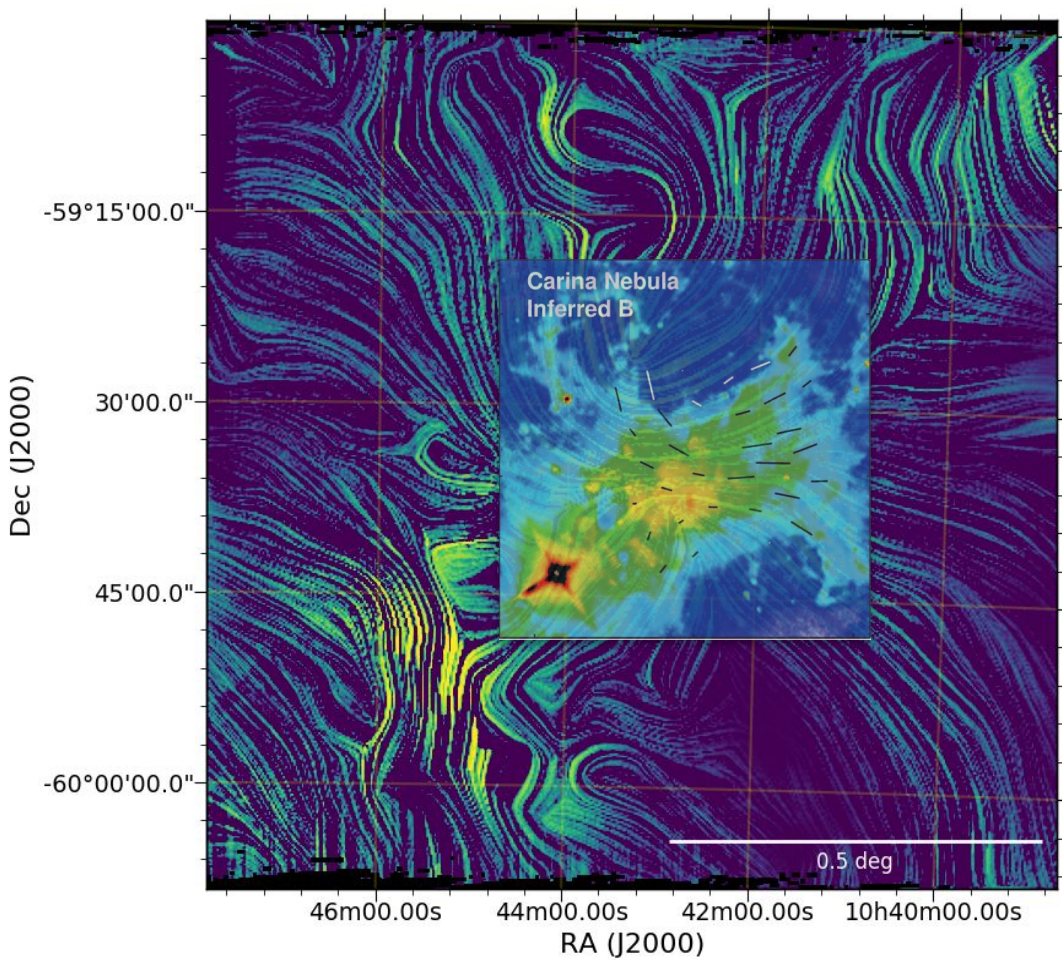
3) LIC * Intensity, stretch 2



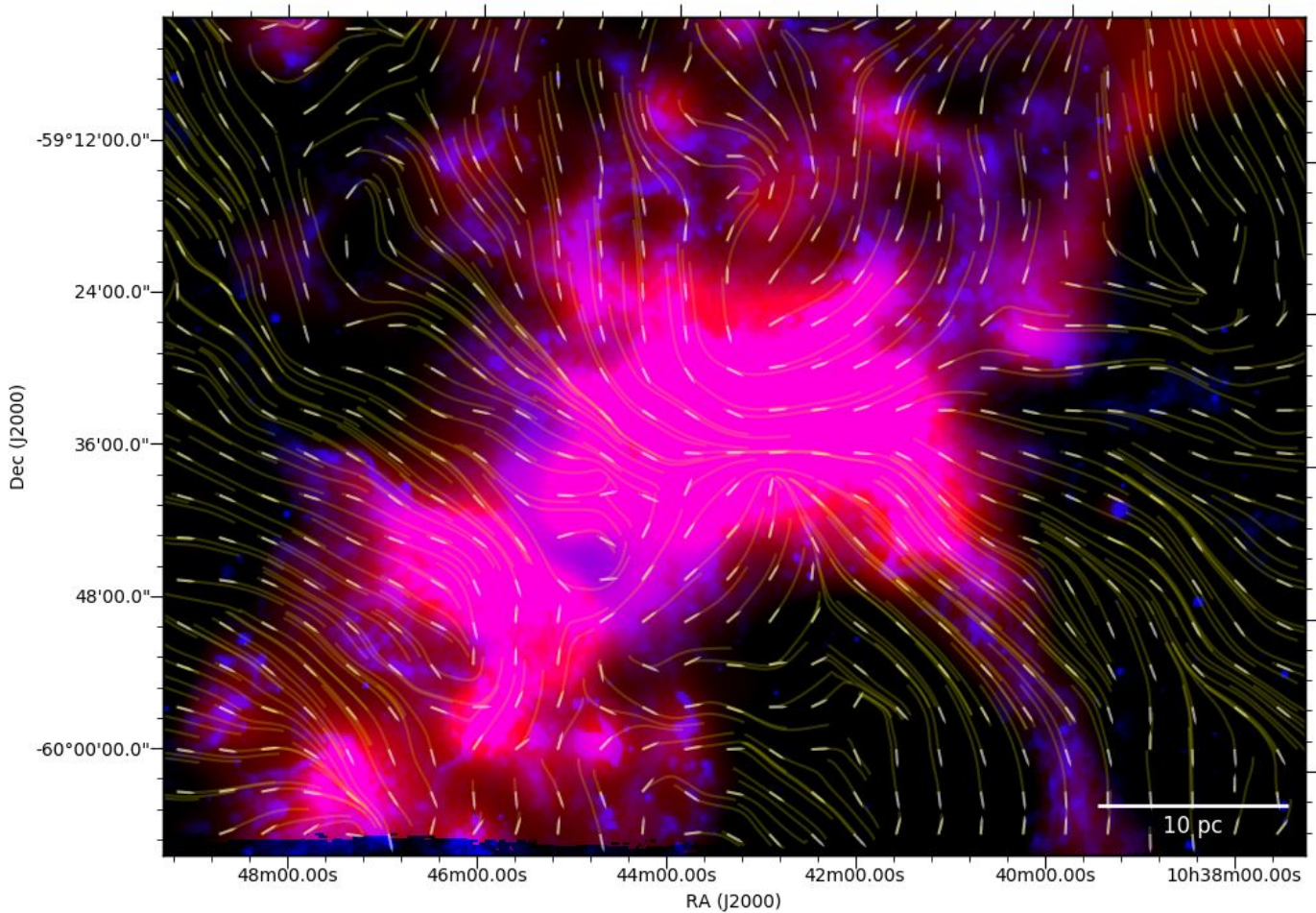
SPARO 2006 B_{\perp} , MSX 8 μm



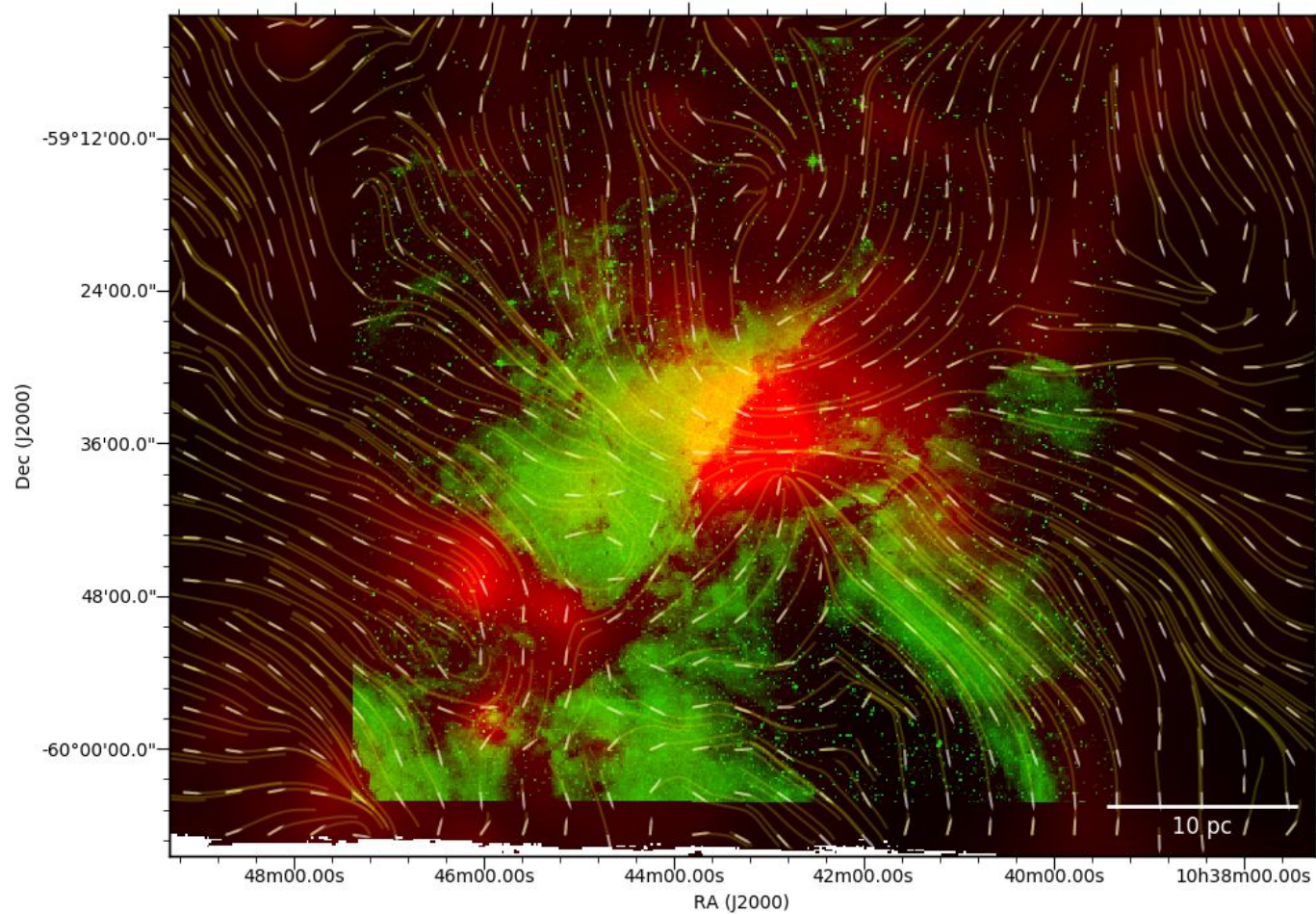
Li et al. 2006, ApJ 648, 340



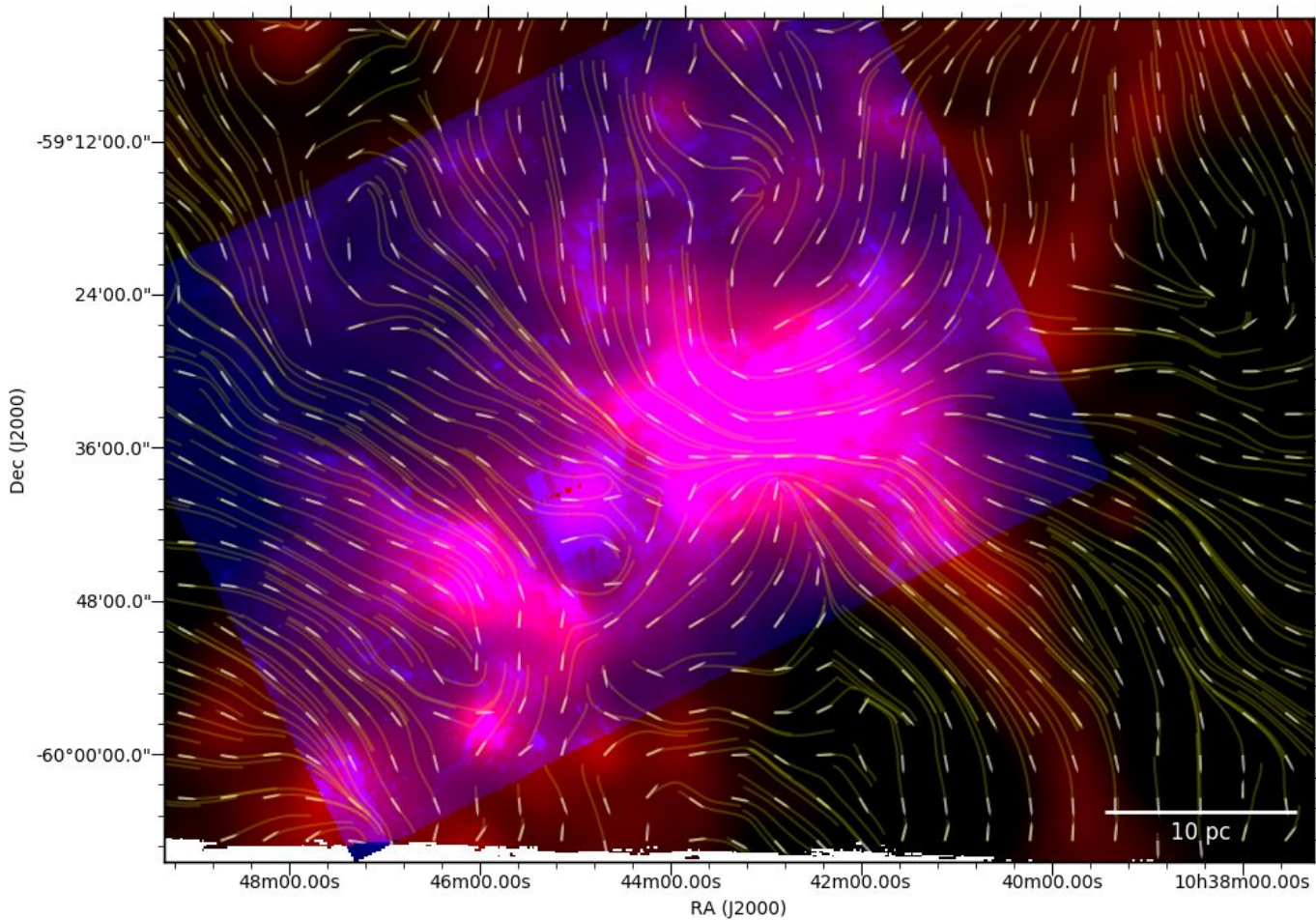
MSX 8 μm , BlastPol 250 μm , Vectors, Streamlines downsampled by 30x



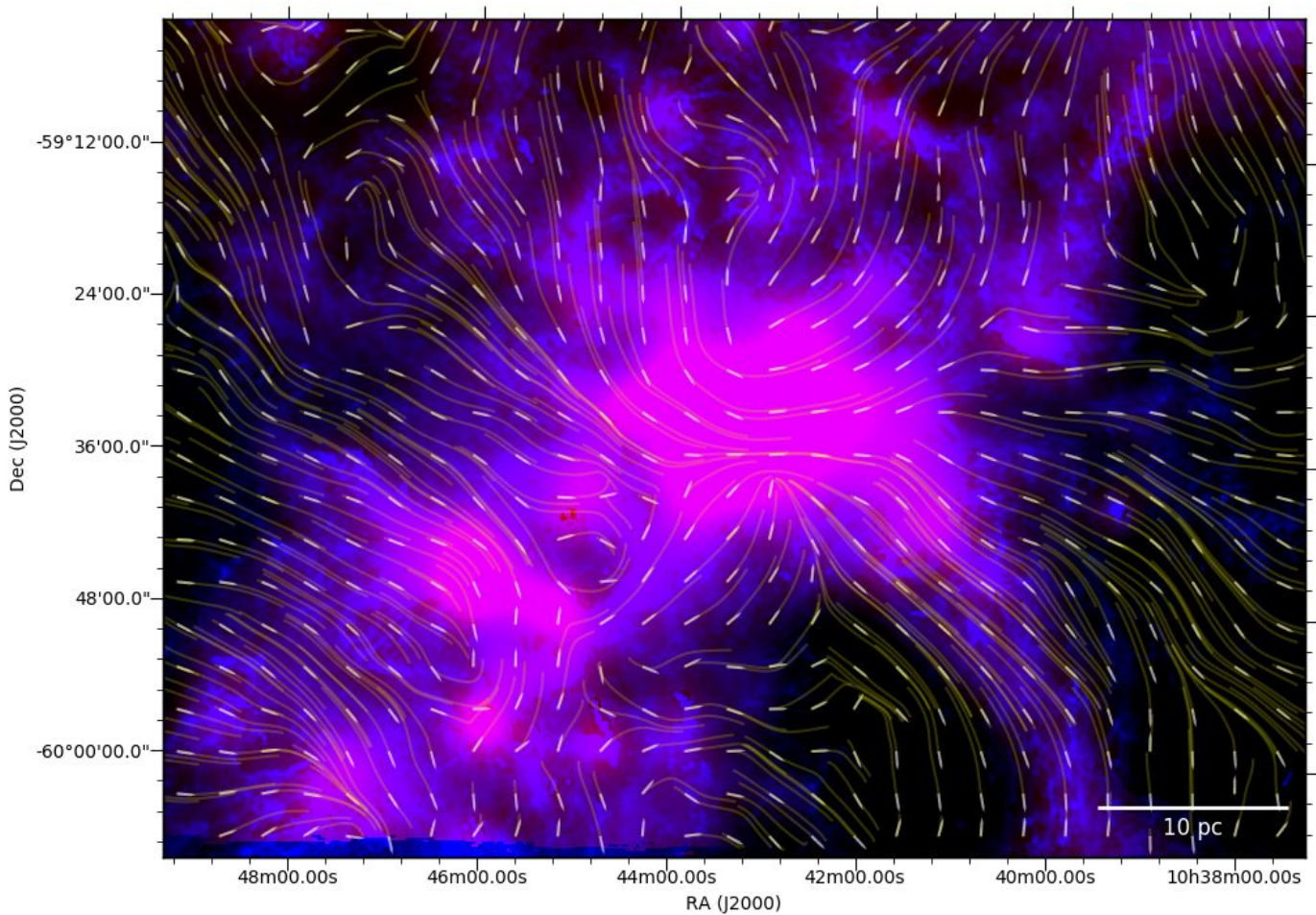
Hubble DSS (R band), BlastPol 250 μm , Vectors, Streamlines downsampled by 30x



Spitzer IRAC 8 μm , BlastPol 250 μm , Vectors, Streamlines downsampled by 30x



Herschel SPIRES 250 μm , BlastPol 250 μm , Vectors, Streamlines downsampled by 30x



Planck 500 μm , BlastPol 250 μm , Vectors, Streamlines downsampled by 30x

