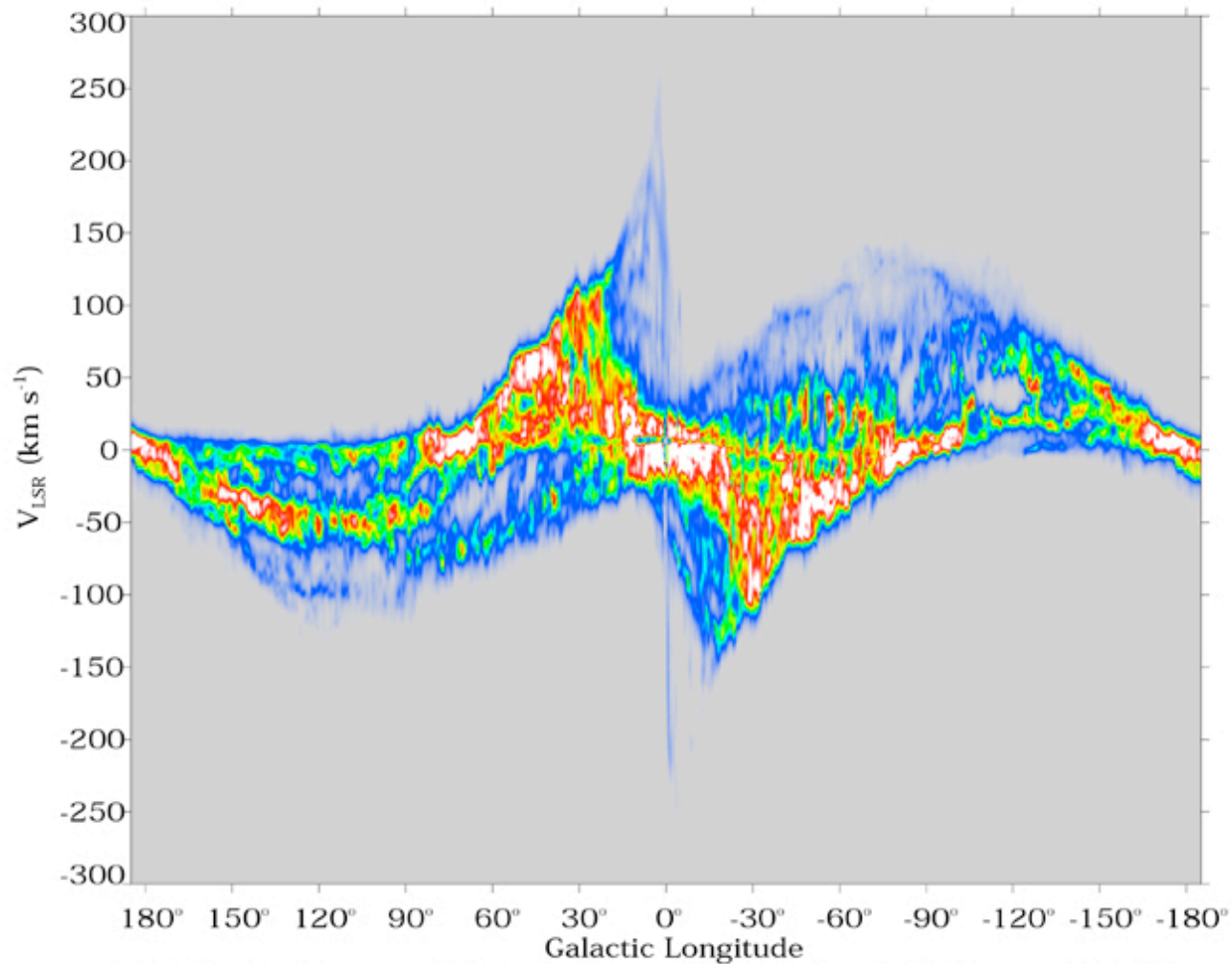


Leiden/Dwingeloo & IAR HI Surveys; $b = 0$



In the plane of the disk, the intensity of 21 cm emission from neutral hydrogen moving toward or away from us with velocity V_{LSR} measured relative to the local standard of rest.

Fig 2.20 (D. Hartmann) 'Galaxies in the Universe' Sparke/Gallagher CUP 2007



Color composite of the polar ring galaxy NGC 4650A, created from the MUSE instrument on the Very Large Telescope (VLT). Star forming regions have been color coded to represent their velocities – blue are approaching, and red regions receding, due to the rotation of the disk.

Credit: ESO