



**Fig. 1.** Weighted mean linear polarization (in colors) scaled to a common angular size (11.5 arcmin) and to a common distance (4.4 Mpc), which correspond to NGC 4244. The horizontal extent of the image shown is 11.5 arcmin, or 14.8 kpc at the common distance. The average scaled synthesized beam is shown as a circle at lower left. Vectors show the orientation of the weighted scaled apparent magnetic field. We highlight their “X-shaped” orientation.