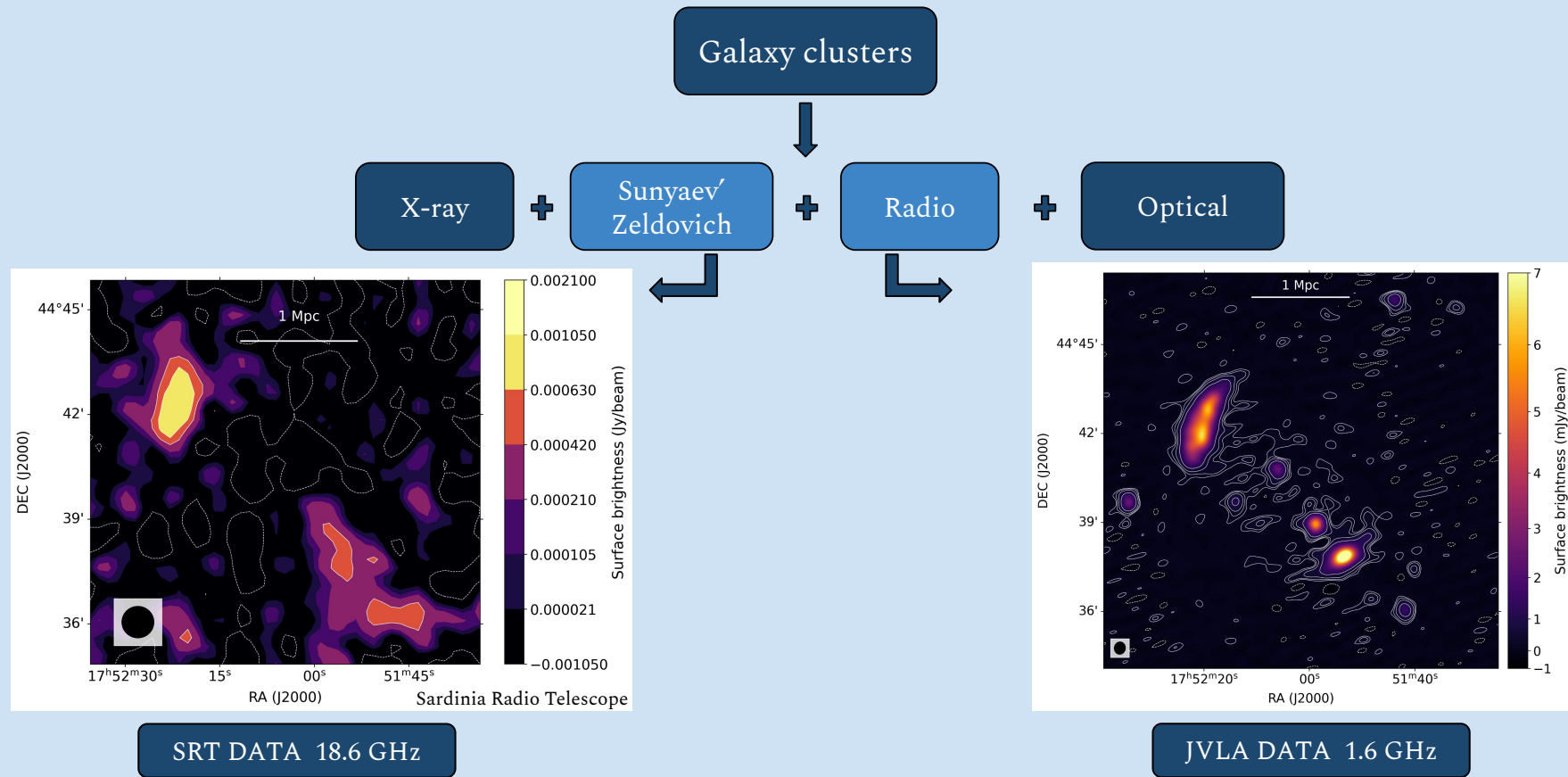
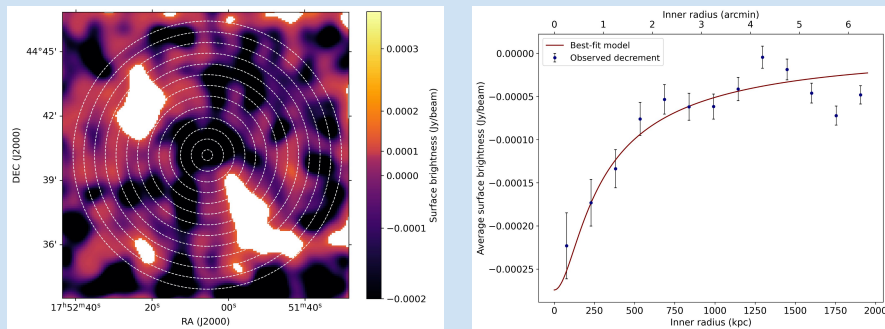


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First detection of Sunyaev' Zeldovich effect with SRT DATA at 18.6 GHz



Parameter	Median	$-\sigma$	σ
r_c [kpc]	160	-30	+30
$\log n_0$ [cm ⁻³]	-2.6	-0.1	+0.1
β	0.6	-0.1	+0.1



$$\sigma_{\text{RM}}(r) = K B_0^{1/2} \Lambda_c^{0.5} n_0 r_c^{1/2} \left(1 + \frac{r^2}{r_c^2}\right)^{-\frac{6\beta(1+\eta)-1}{4}} \sqrt{\frac{\Gamma(3\beta(1+\eta) - 0.5)}{\Gamma(3\beta(1+\eta))}}$$

$$B_0 \sim 2 \mu\text{G}$$

Radio polarization with JVLA DATA at 1.6 GHz

