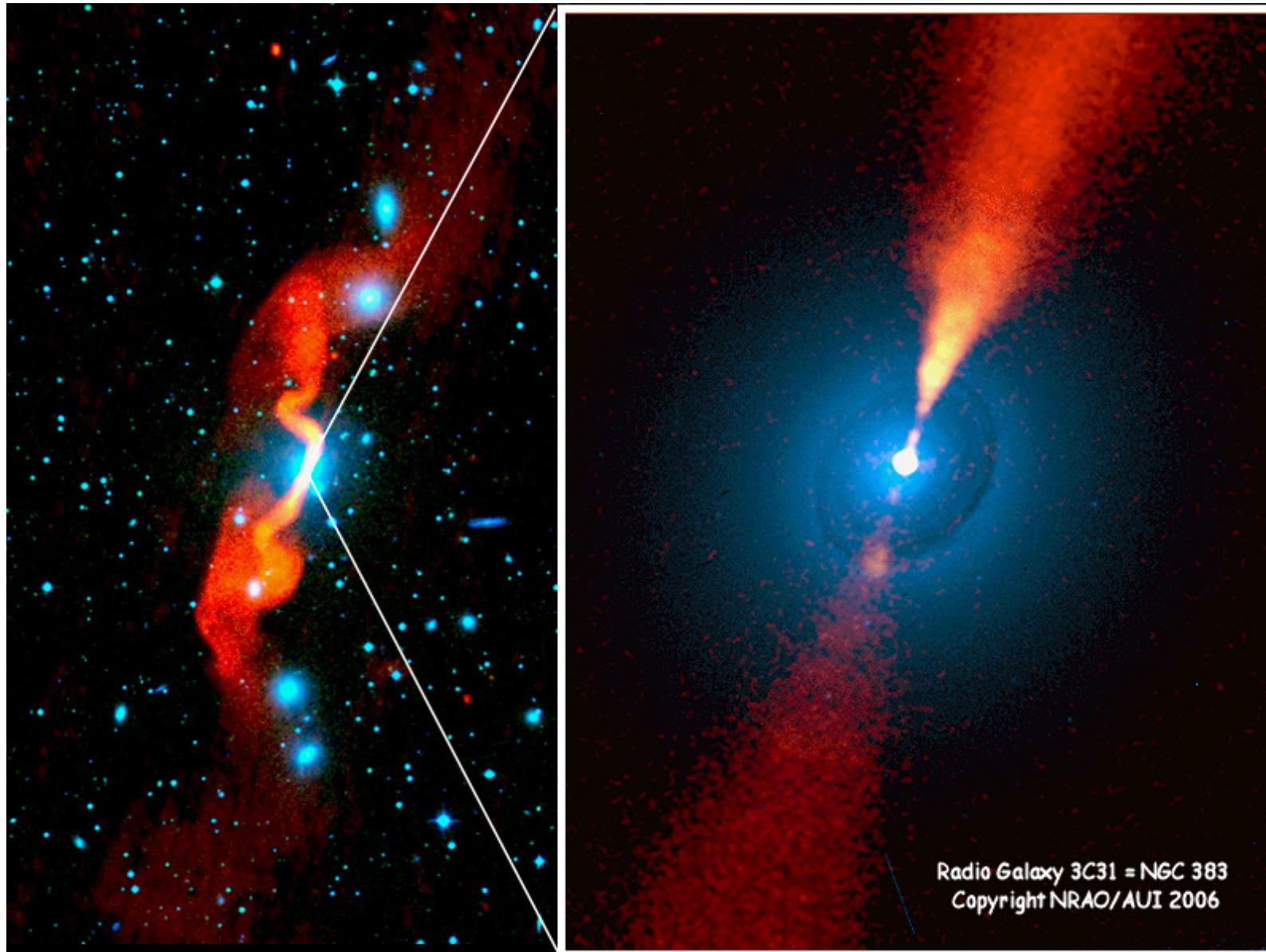
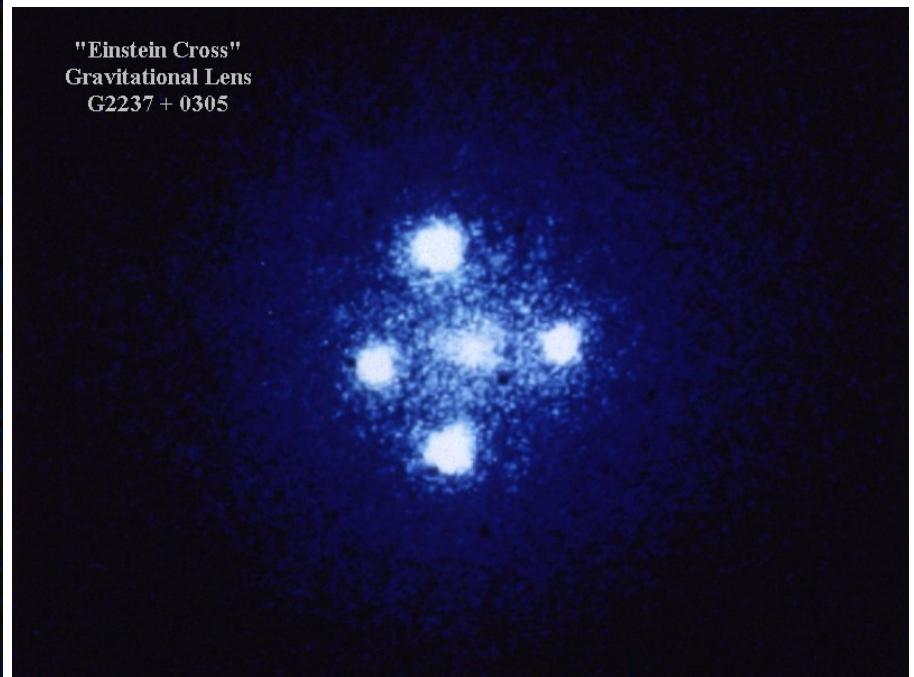
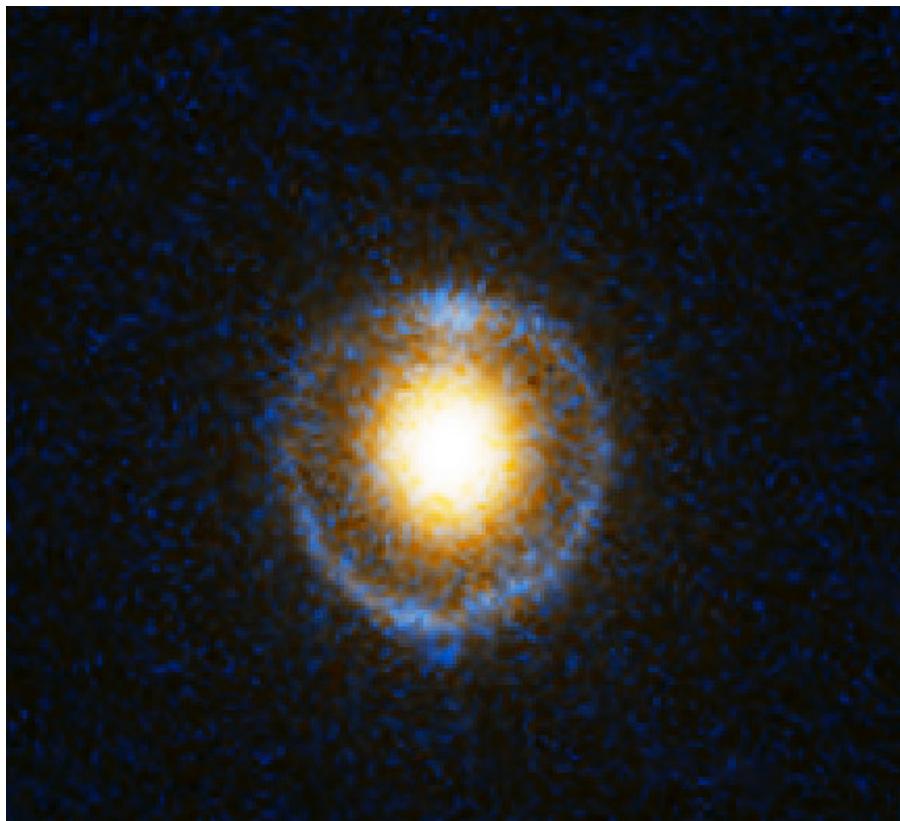


# Radio Galaxy 3C31, NGC 383



# Einstein Ring and Cross



# Giant Arcs

- Giant arcs in galaxy clusters: galaxies, source; cluster, lens



# Cosmic Shear

- On even larger scales, the large-scale structure weakly shears background images: weak lensing

