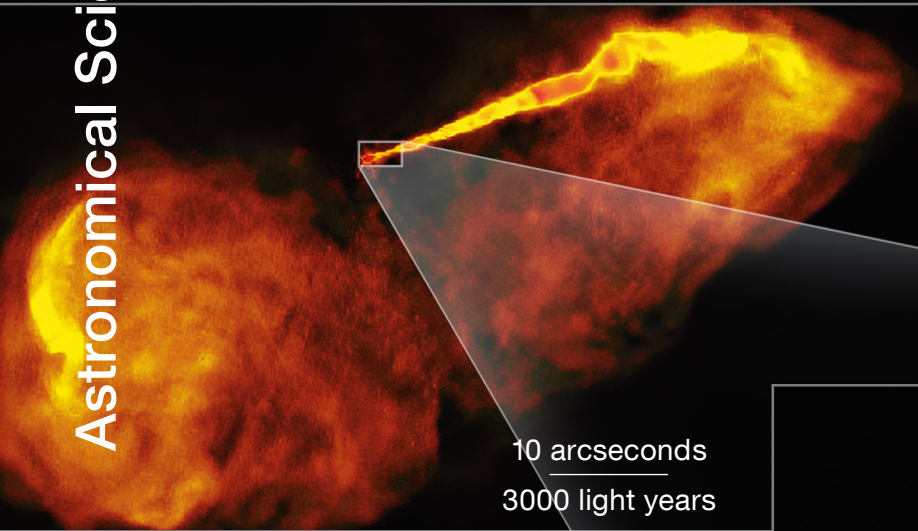


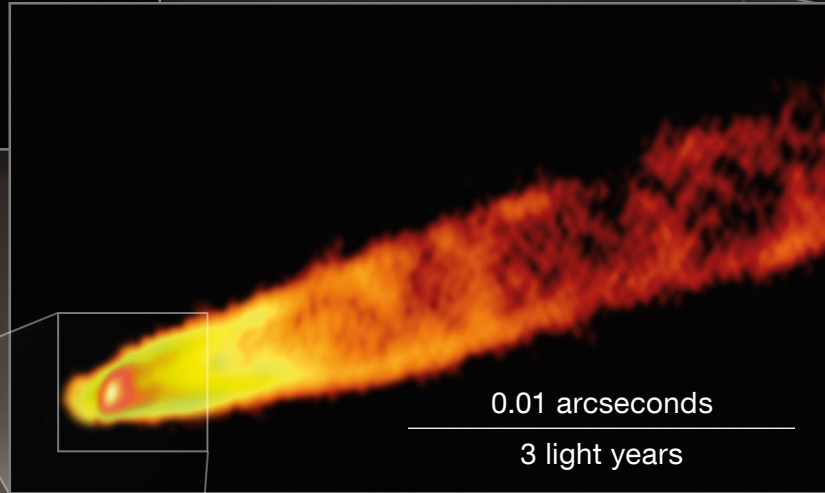
# Astronomical Science

VLA – 1.5 GHz



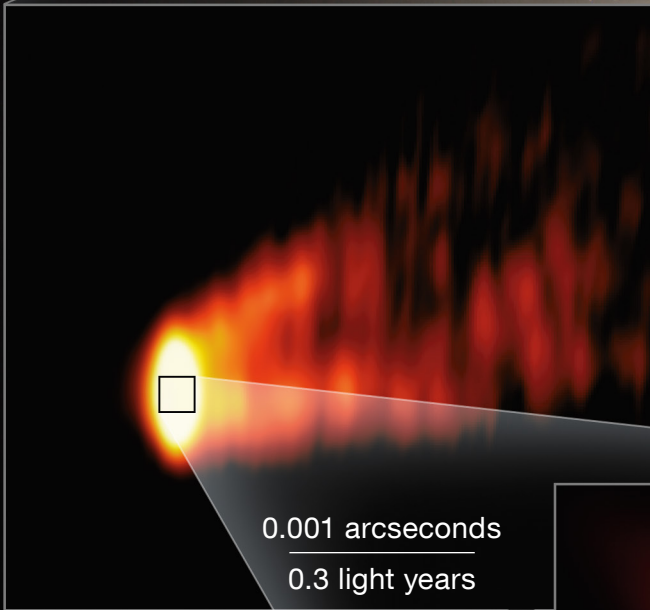
10 arcseconds  
3000 light years

VLBA – 43 GHz



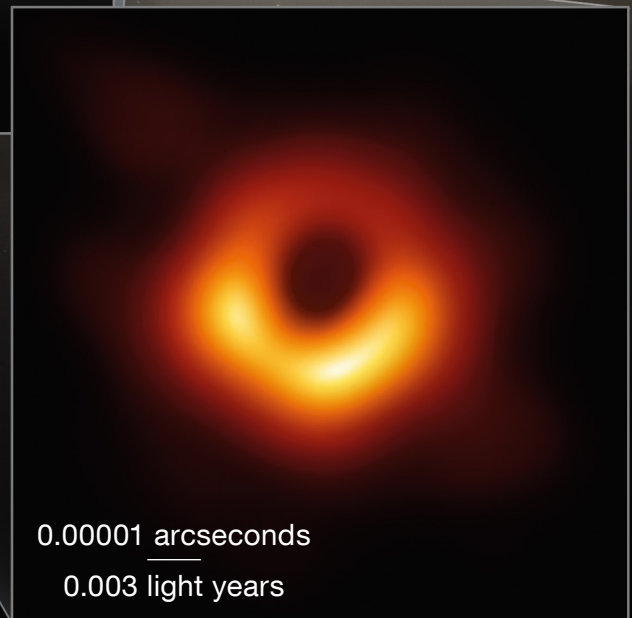
0.01 arcseconds  
3 light years

GMVA – 86 GHz



0.001 arcseconds  
0.3 light years

EHT – 230 GHz



0.00001 arcseconds  
0.003 light years

The centre of the giant elliptical galaxy M87 seen at spatial resolution scales spanning six orders of magnitude. The detailed structure of the relativistic jet is revealed by observations at different radio wavelengths using several interferometric facilities, zooming into the supermassive black hole imaged by the EHT collaboration.