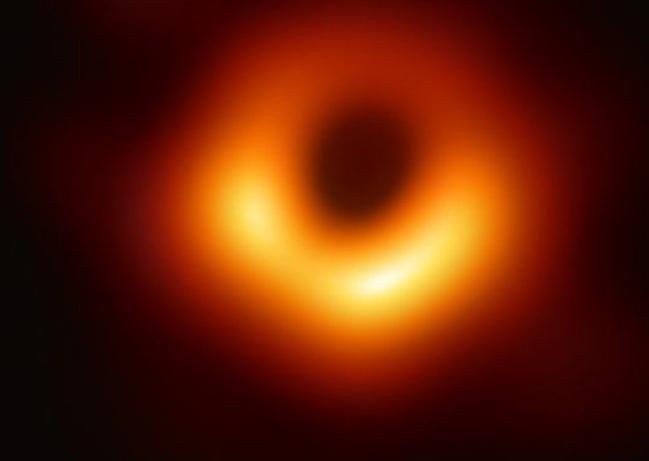


# Exploring Cosmic Jets: A Comparative Analysis Using NIRCam Filters

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Advisor: Dr .Stacey Alberts

JWST-UVIT Workshop  
CHRIST University, Bangalore  
20th - 31st October 2025

# First Image of a black hole



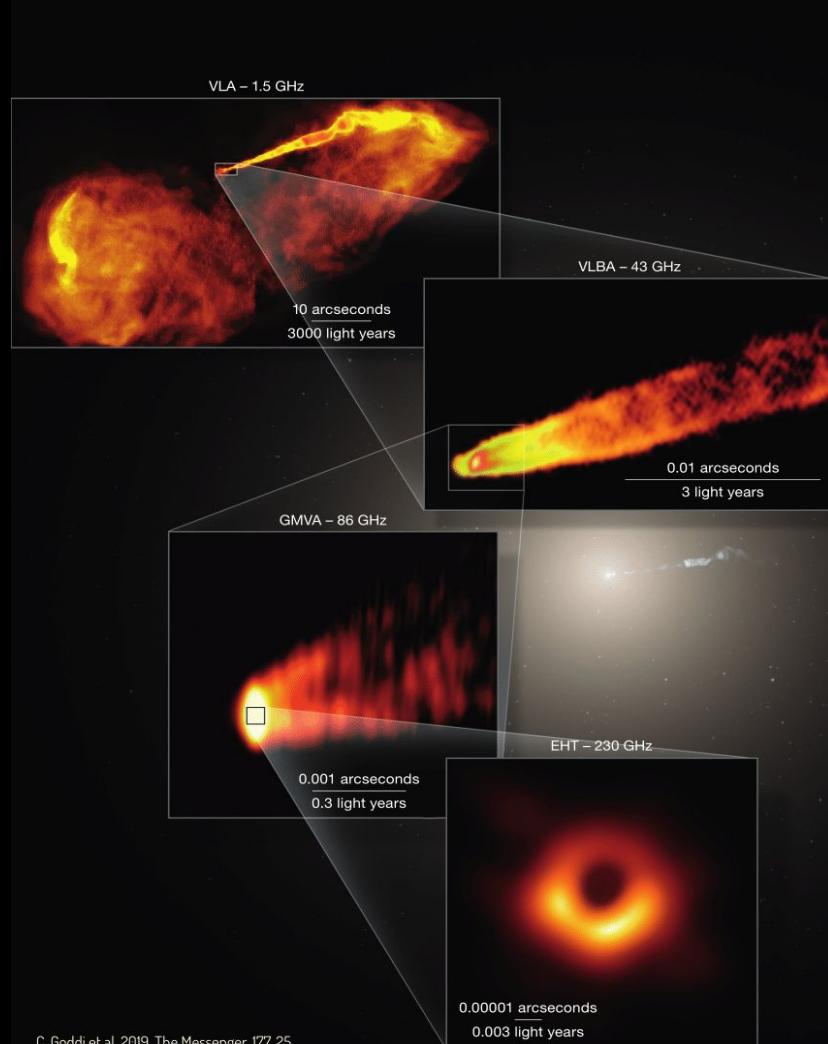
Credits: EHT collaboration

# Radio Interferometry:

## A Closer Look at an

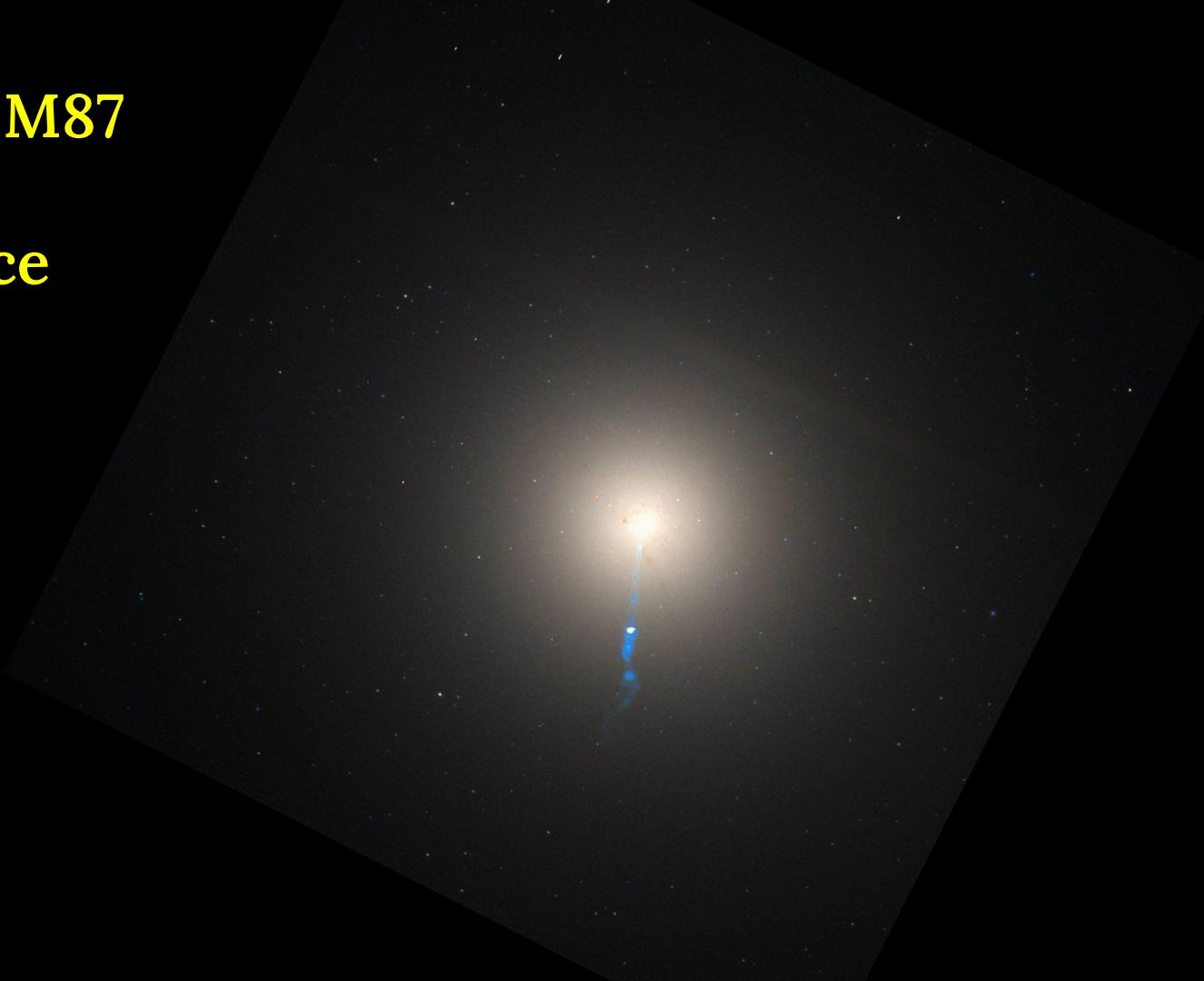
### Extragalactic Jet

(J1230+1223)



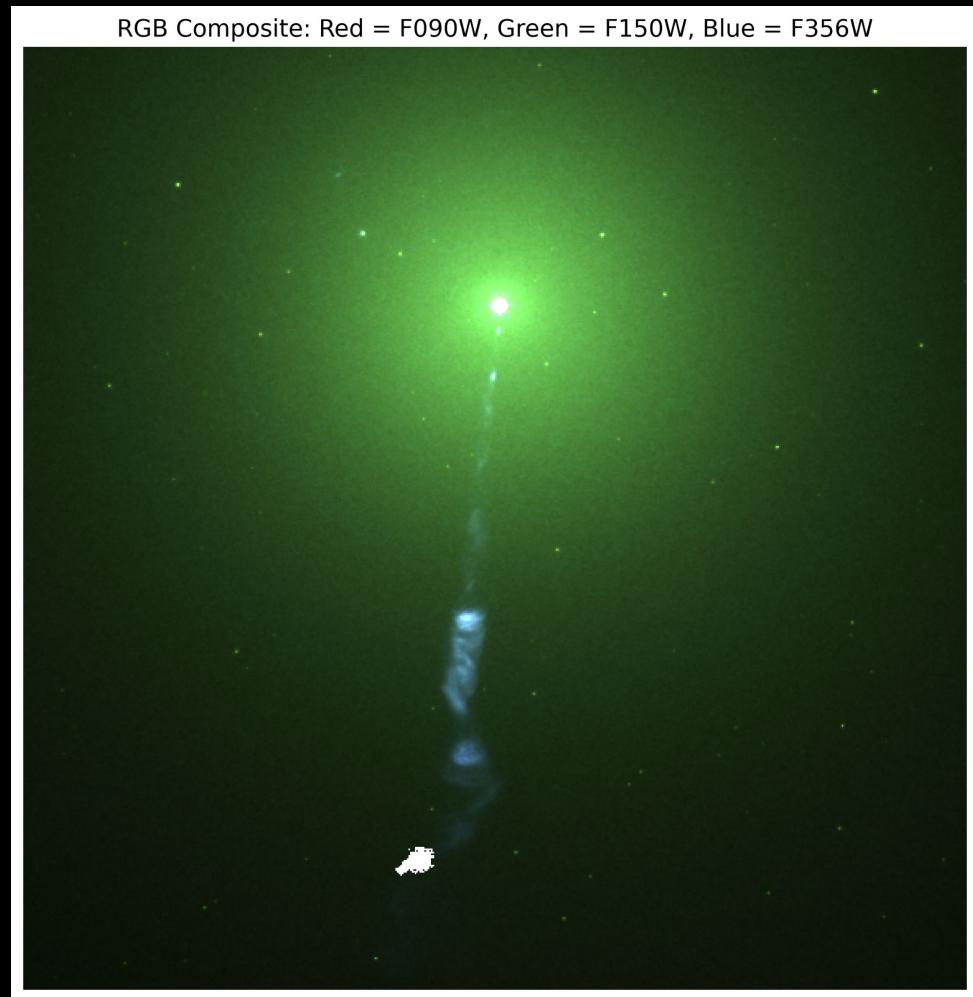
# The Magnificent M87

A Hubble Space  
Telescope  
Perspective

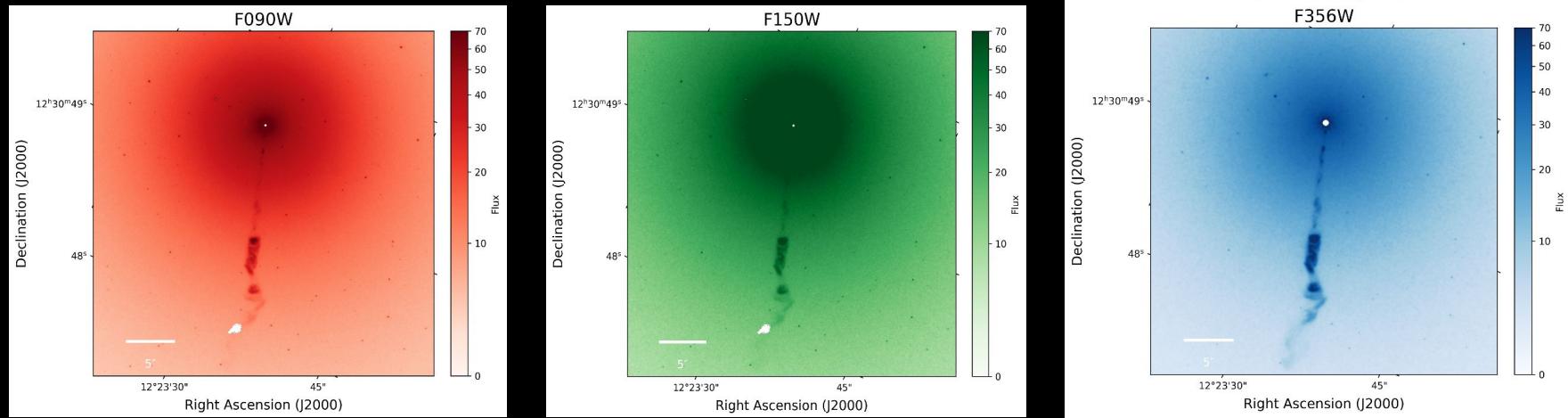


# The Majestic Jet of M87

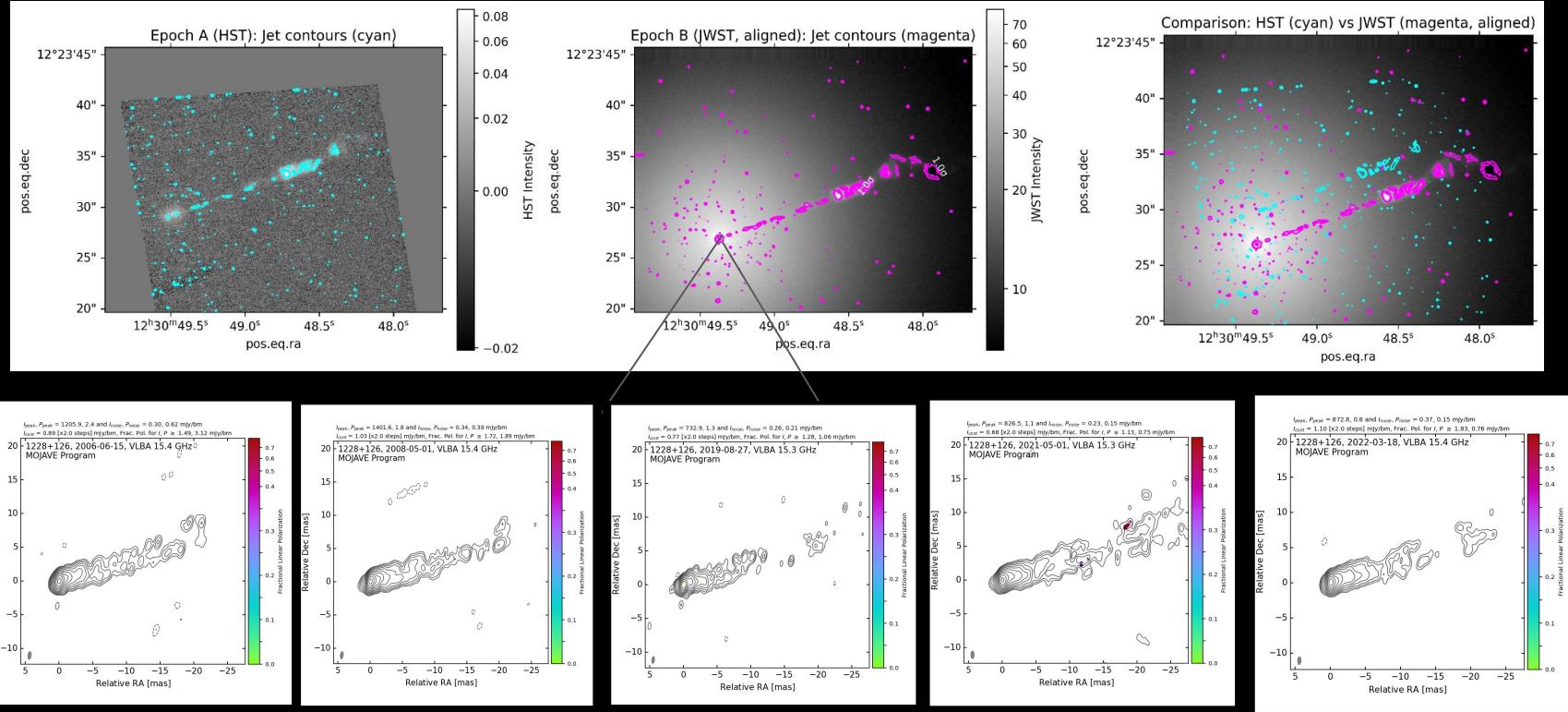
A JWST NIRCam  
Perspective



# JWST NIRCam Insights into M 87 Through Different Filters



# M87 Jet: Stability in Arcseconds, Change in Milliarcseconds



**Thank you!**