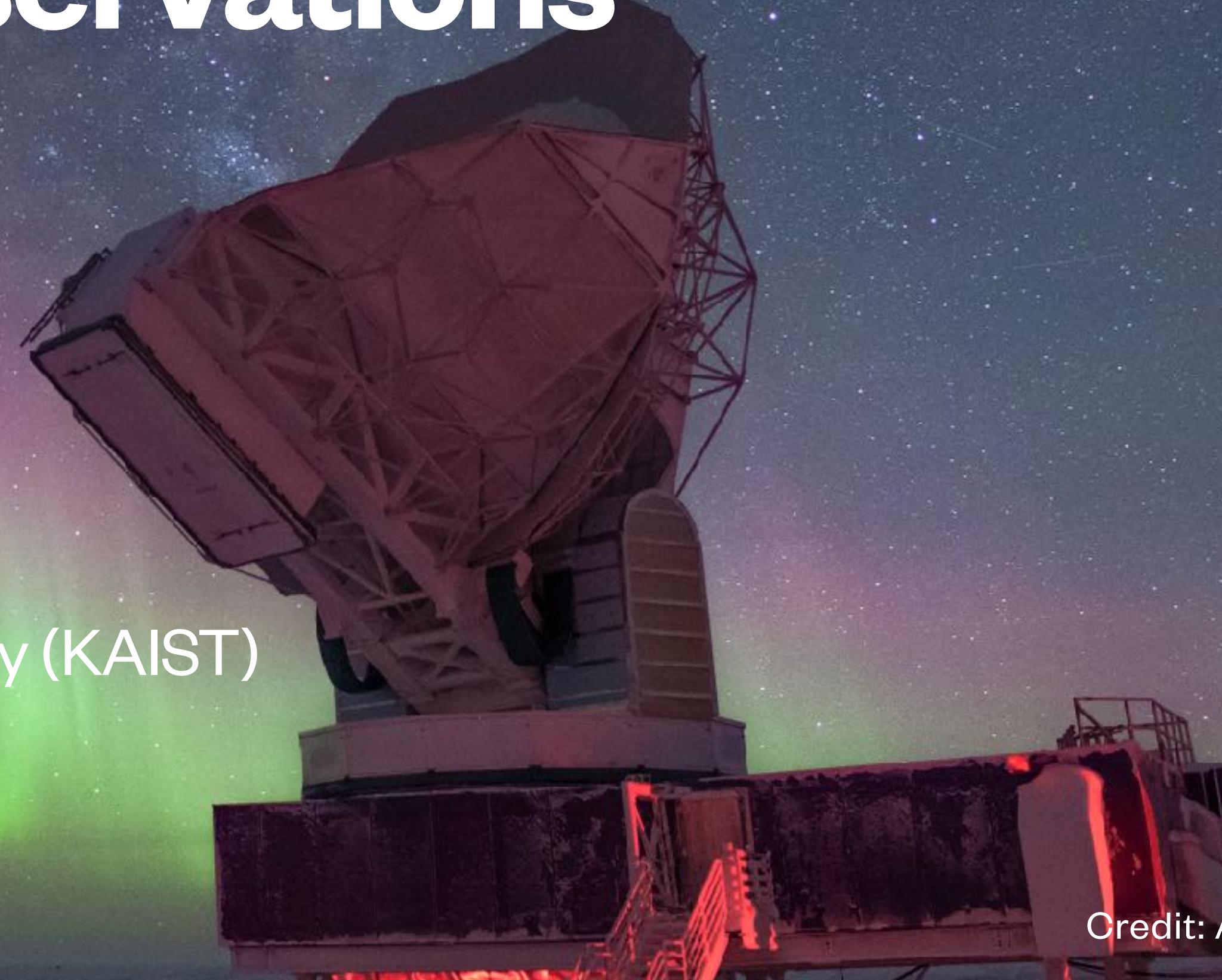


# Cosmological Insights from Radio Wavelength Observations

김준한 Junhan Kim

Department of Physics  
Korea Advanced Institute of Science and Technology (KAIST)  
[\(junhan@kaist.ac.kr\)](mailto:junhan@kaist.ac.kr)



# Structure of the Universe: Simulation (IllustrisTNG)

Dark mater density

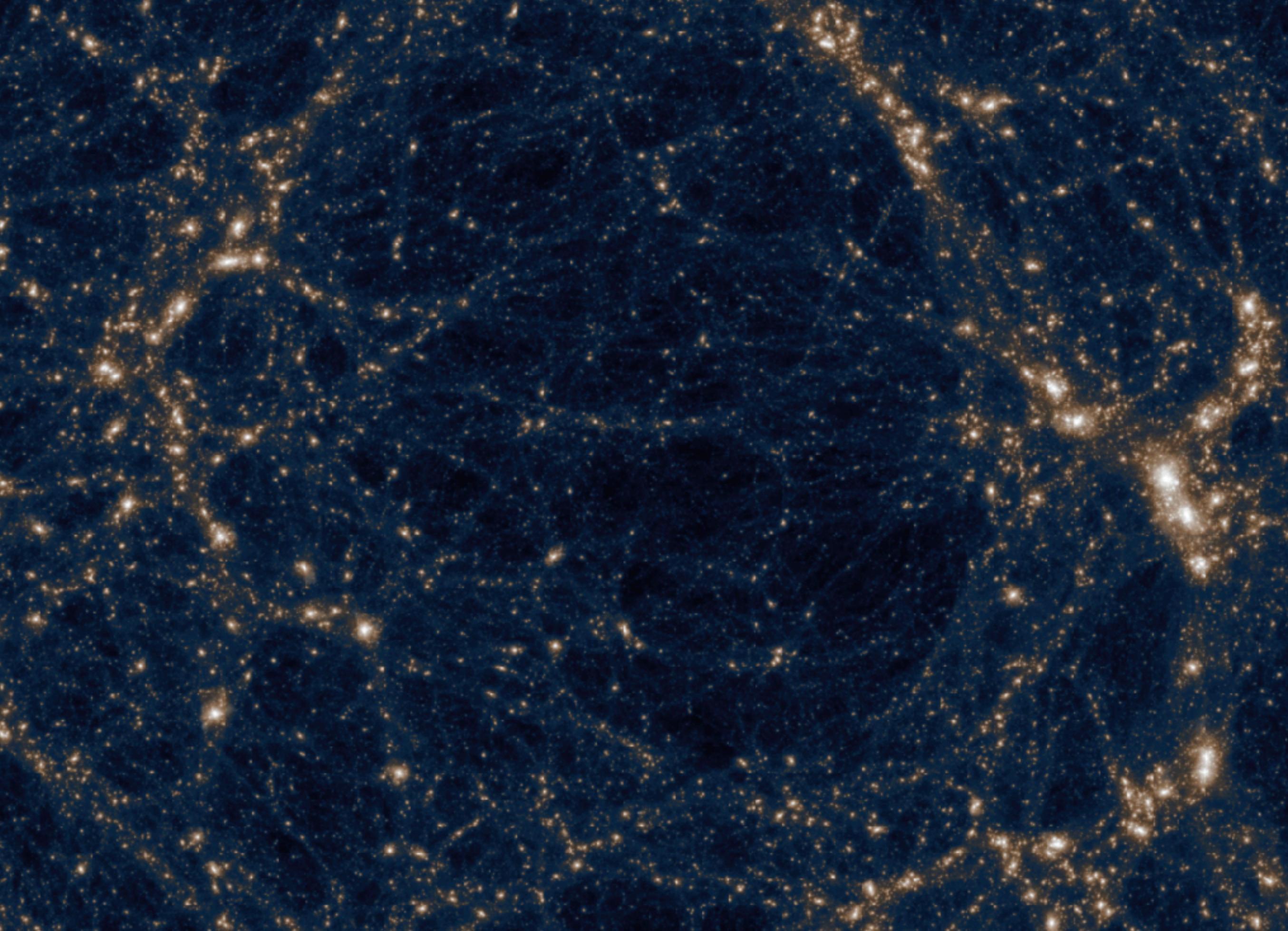
The IllustrisTNG Project (<https://www.tng-project.org/explore/>)

# Structure of the Universe: Simulation (IllustrisTNG)

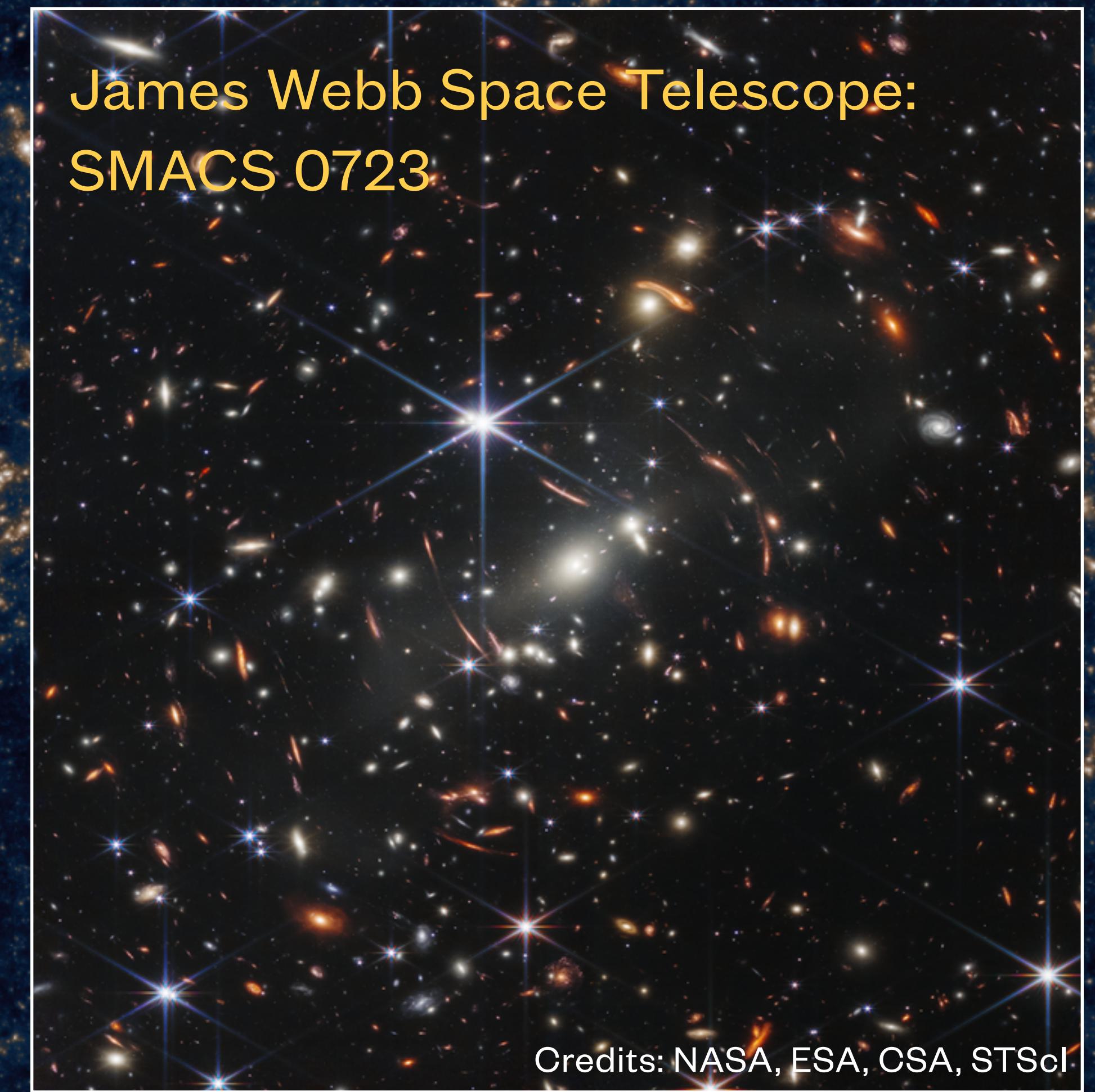
Dark matter density + Stellar distributions

The IllustrisTNG Project (<https://www.tng-project.org/explore/>)

# Structure of the Universe: Simulation (IllustrisTNG)



Dark mater density + Stellar distributions



James Webb Space Telescope:  
SMACS 0723

Credits: NASA, ESA, CSA, STScI

# Structure of the Universe: Simulation (IllustrisTNG)

Gas density + Stellar distributions

The IllustrisTNG Project (<https://www.tng-project.org/explore/>)