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INDIA




Kerala





2020

BSc (Hons) in Physics

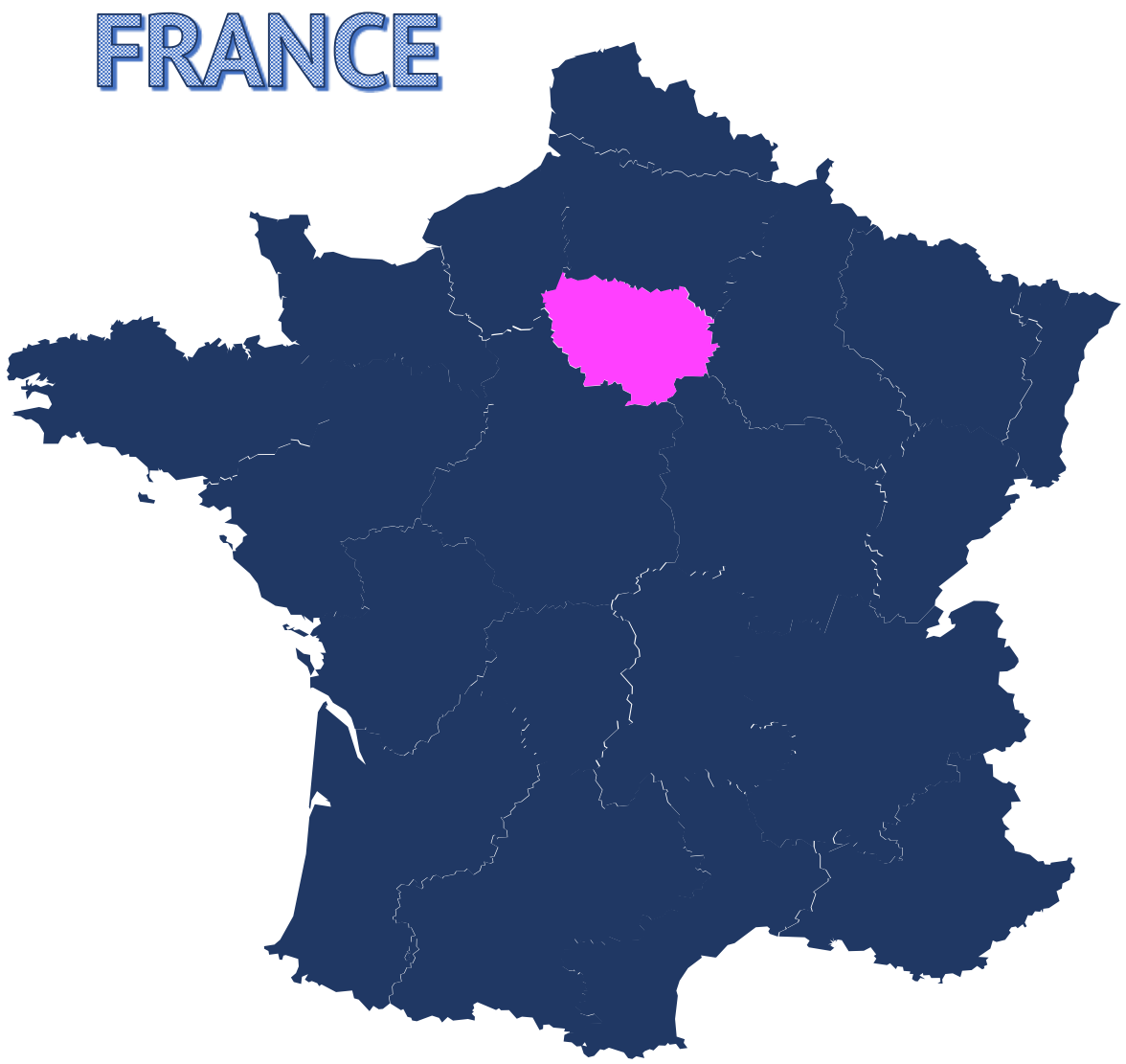
St. Stephen's College, New Delhi

2022

MSc Physics Specializing in Astrophysics

St. Xavier's College, Mumbai

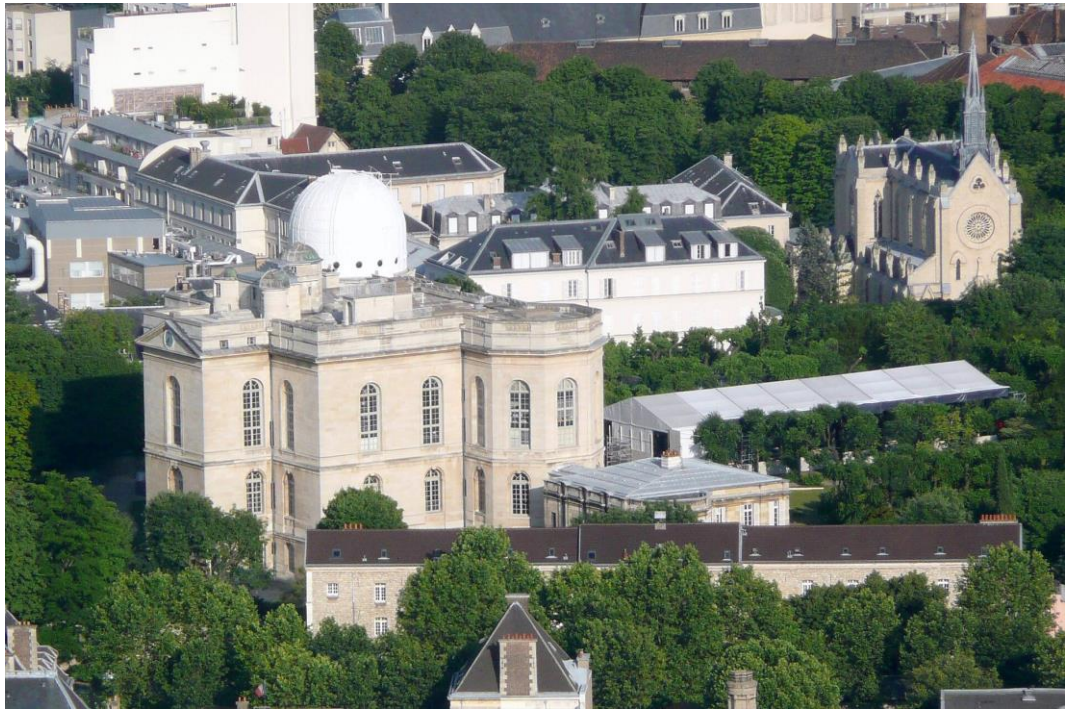




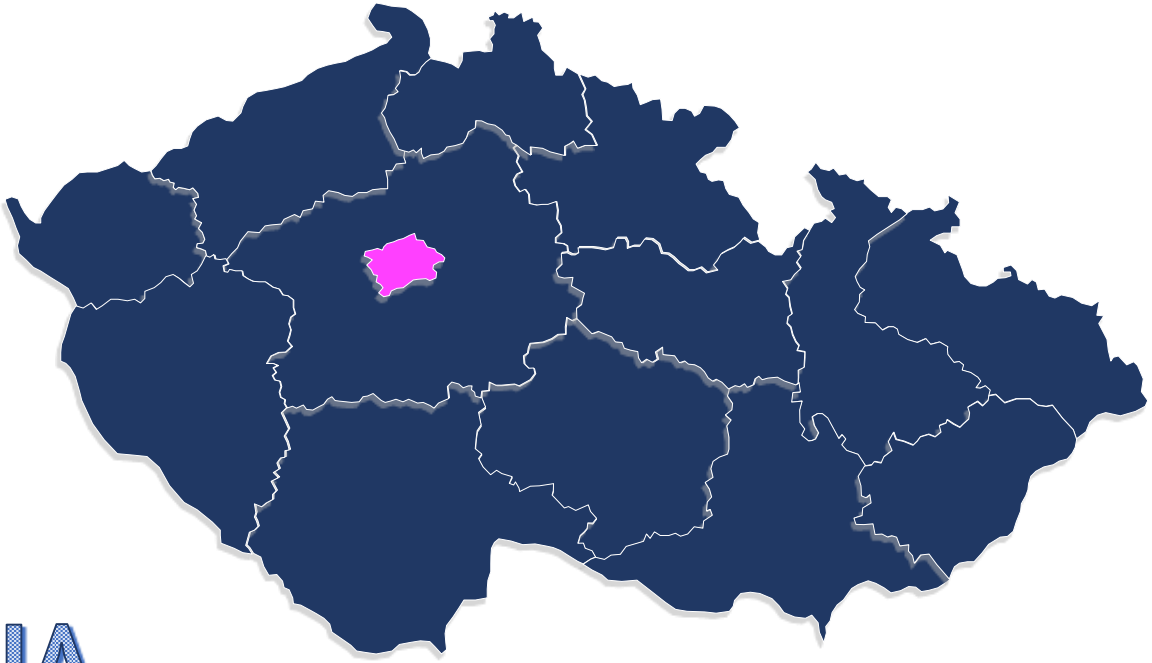
2025

PhD in Astronomy and Astrophysics

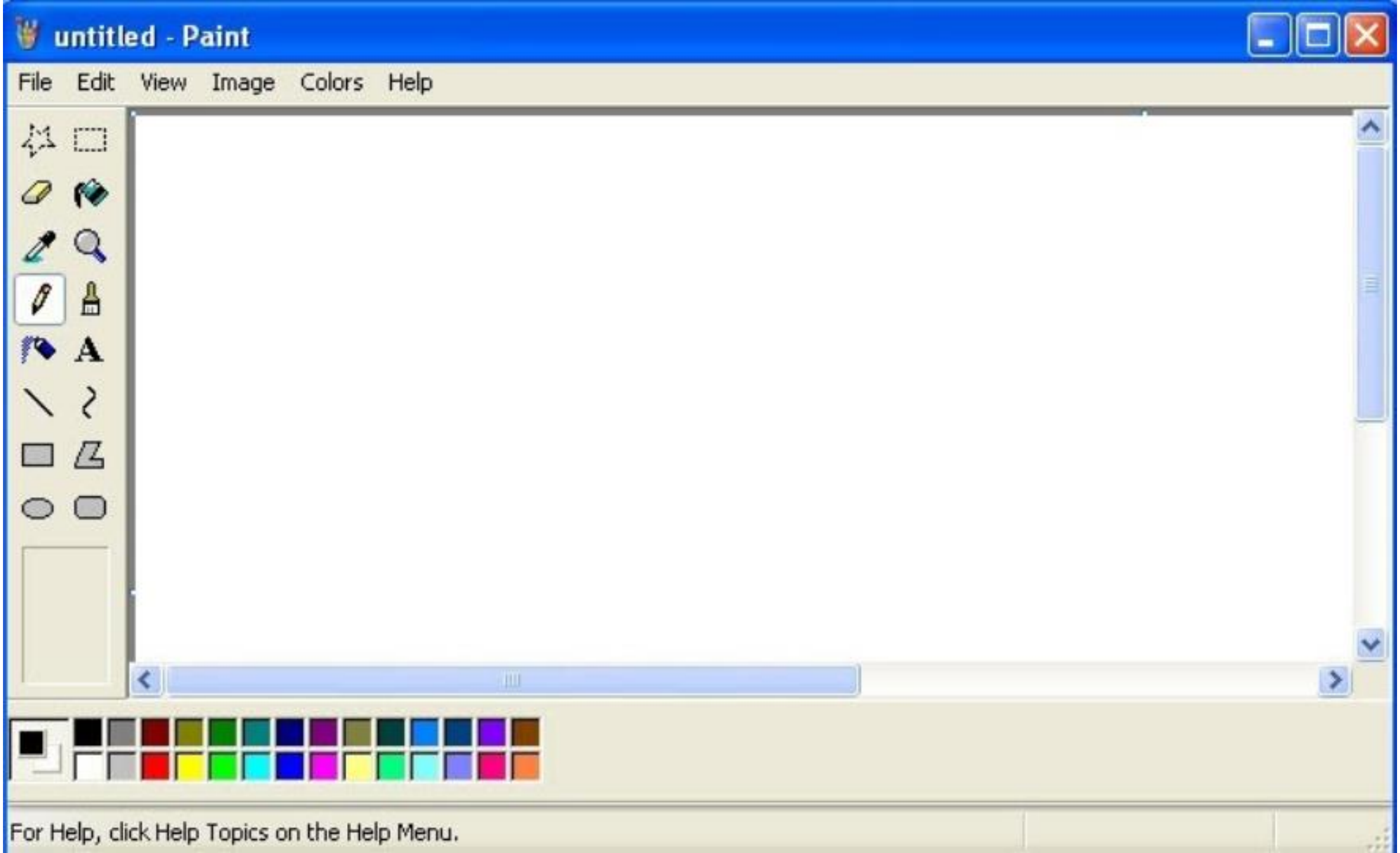
Paris Observatory & Sorbonne University



PostDoc, Astronomical Institute of Czech Academy of Sciences



CZECHIA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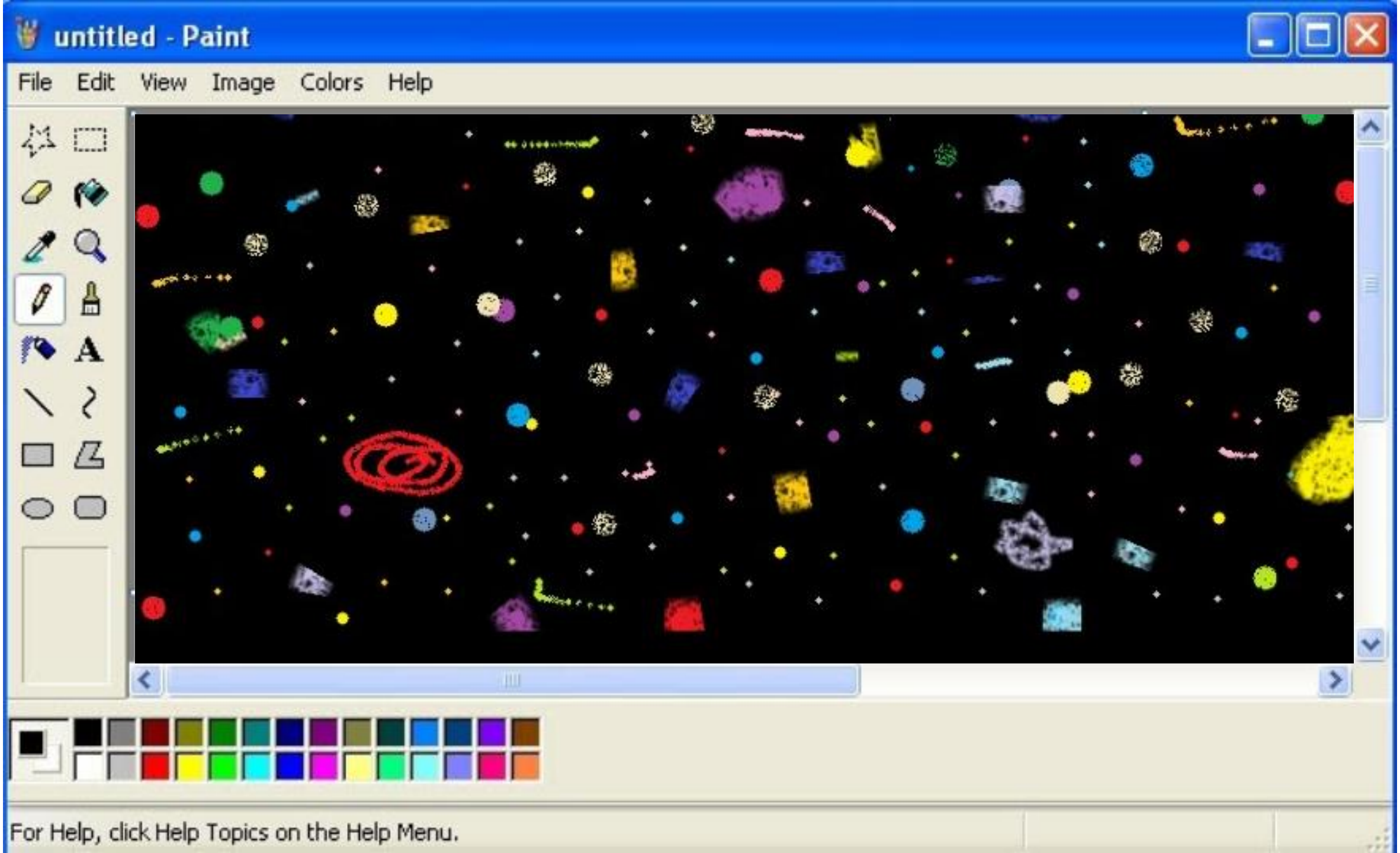
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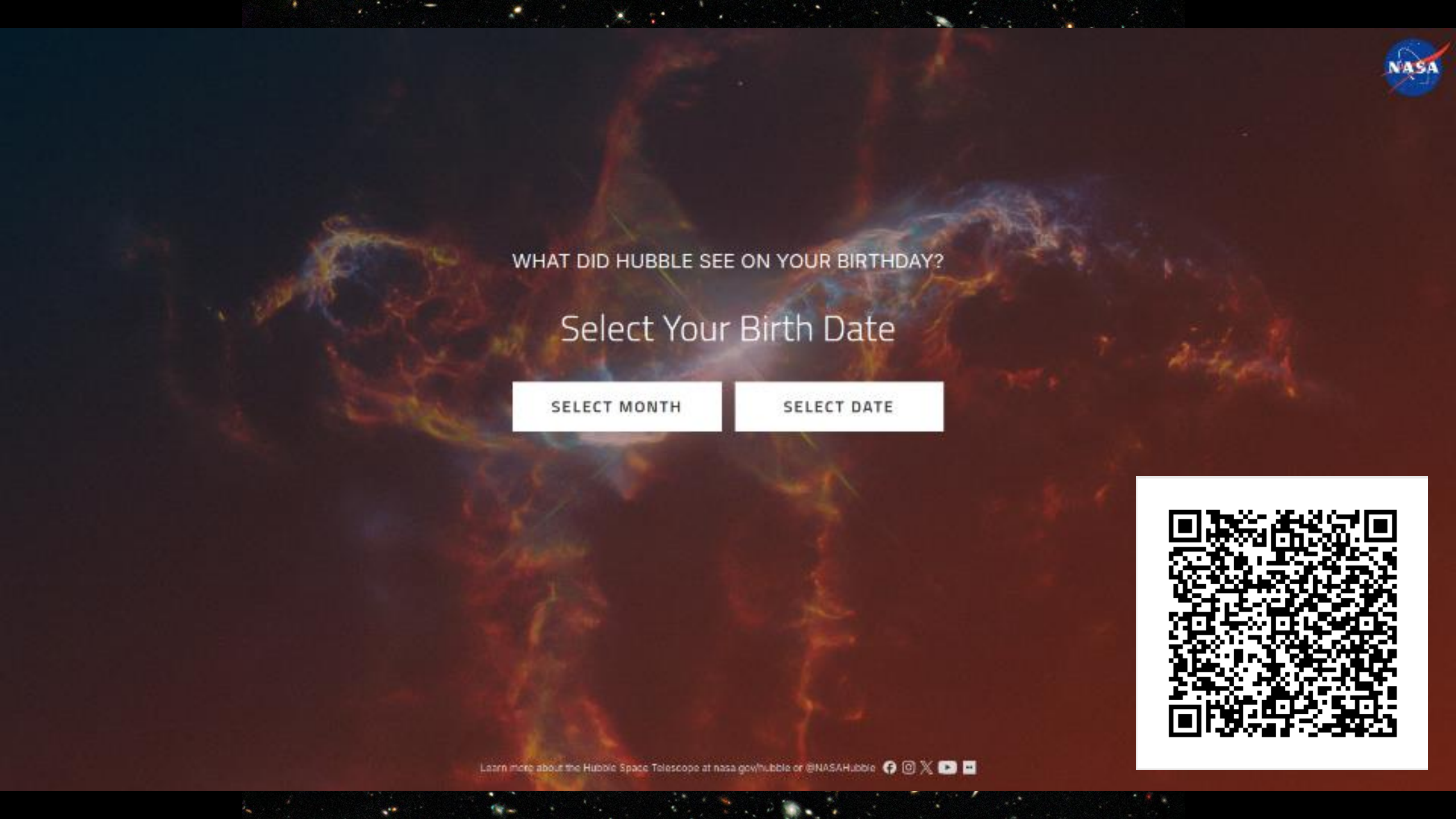
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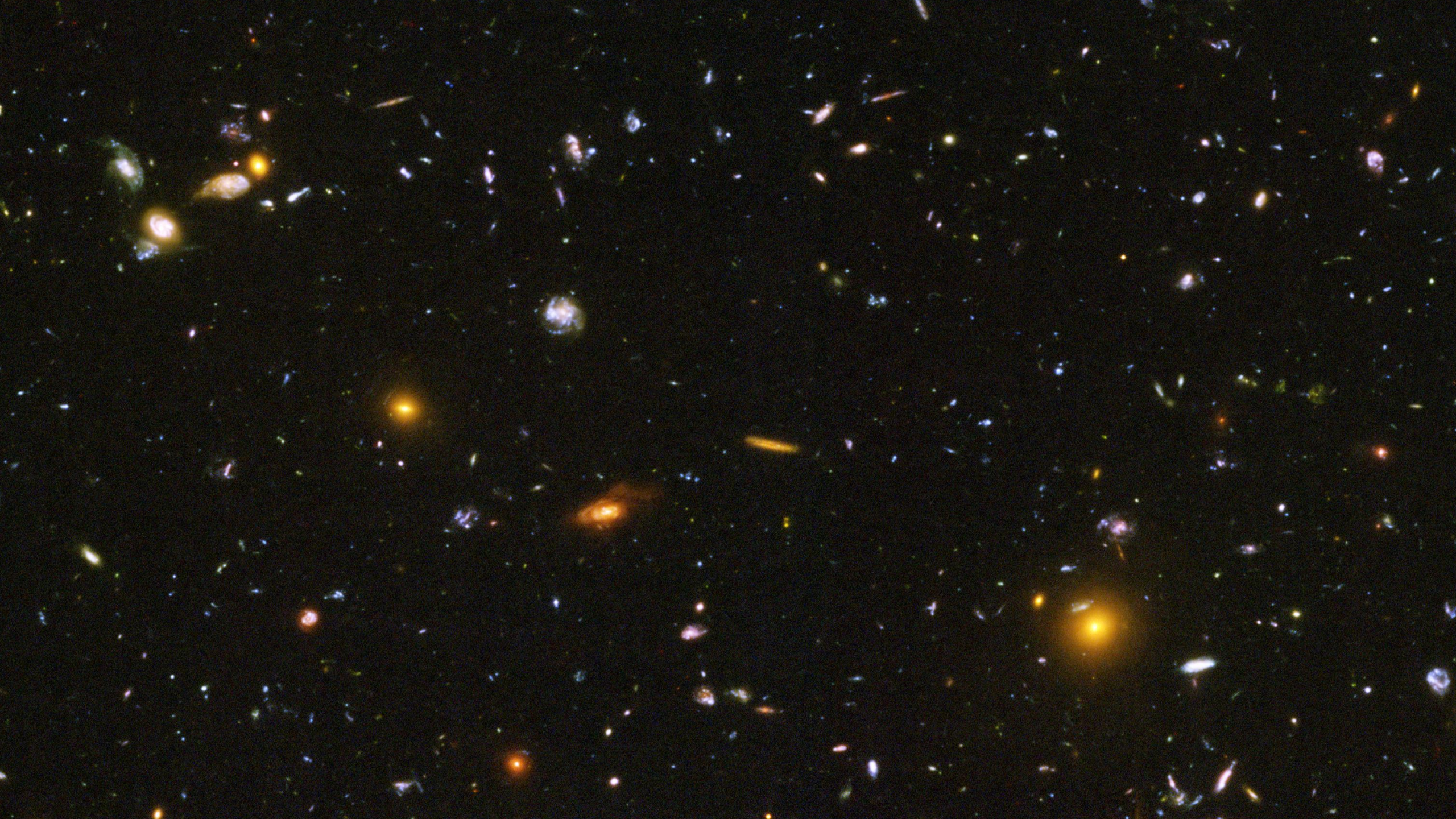
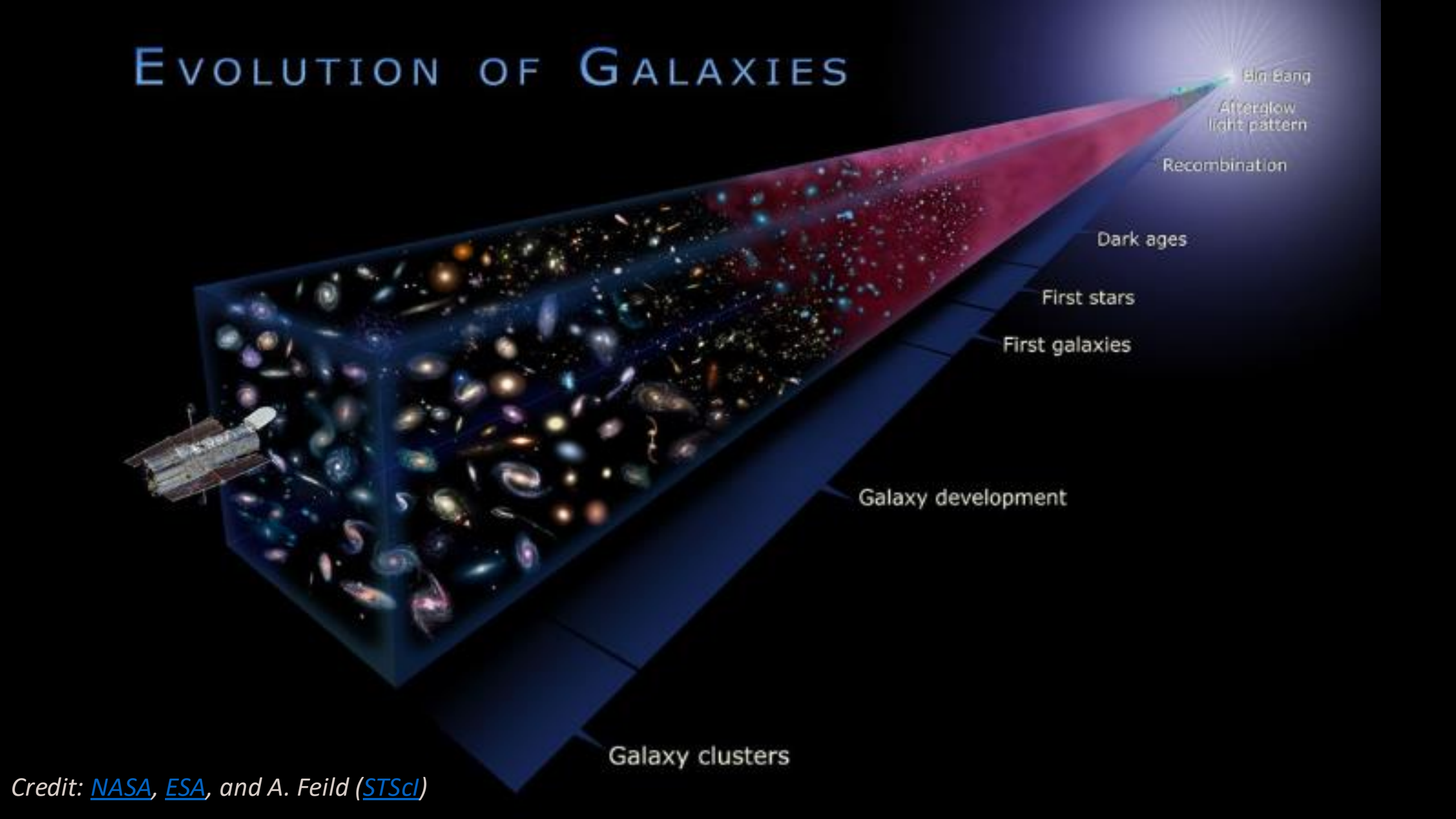
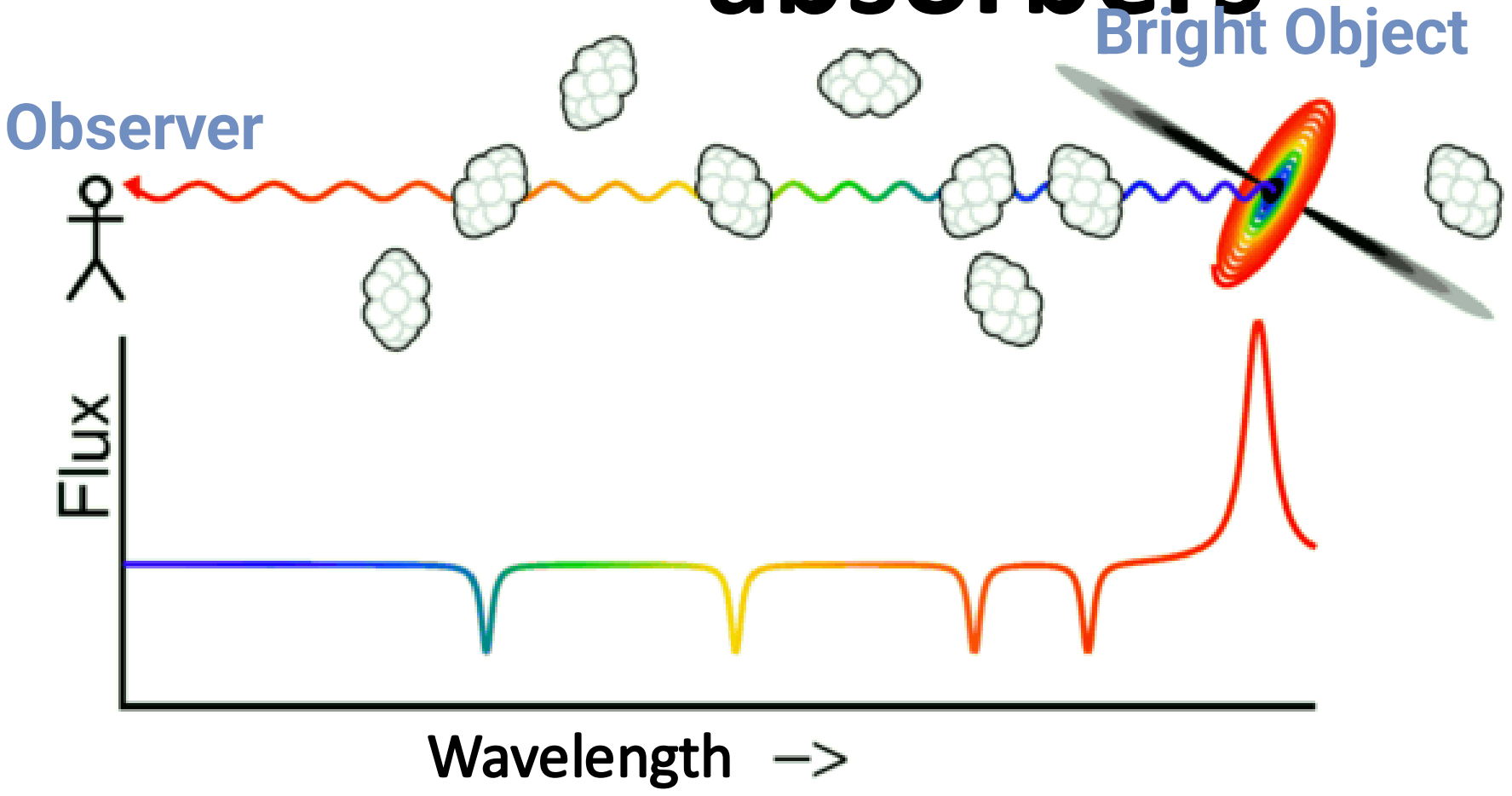




Credit: NASA, ESA, and A. Feild (STScI)

MSc: Damped Lyman Alpha (DLA) absorbers

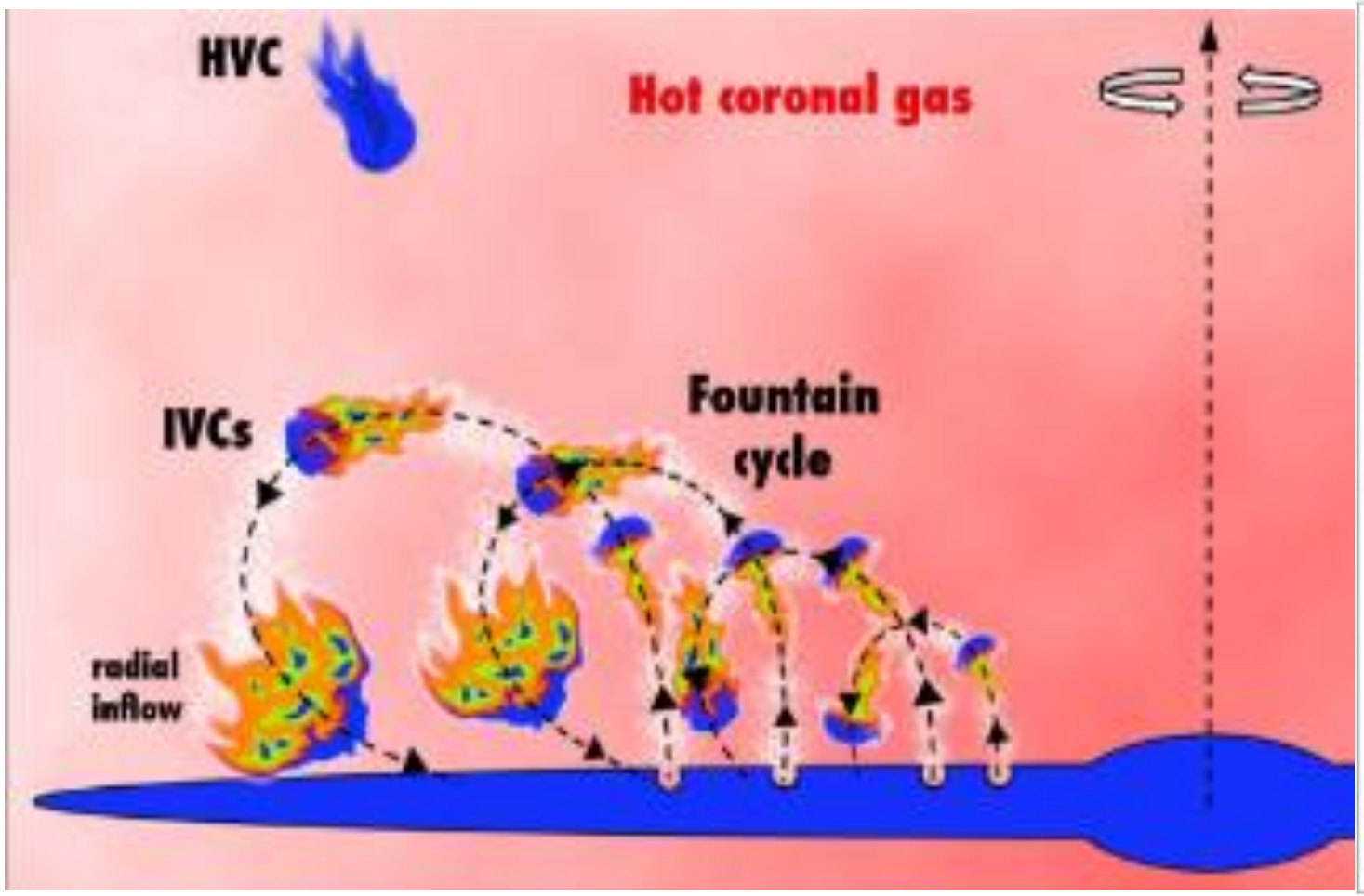


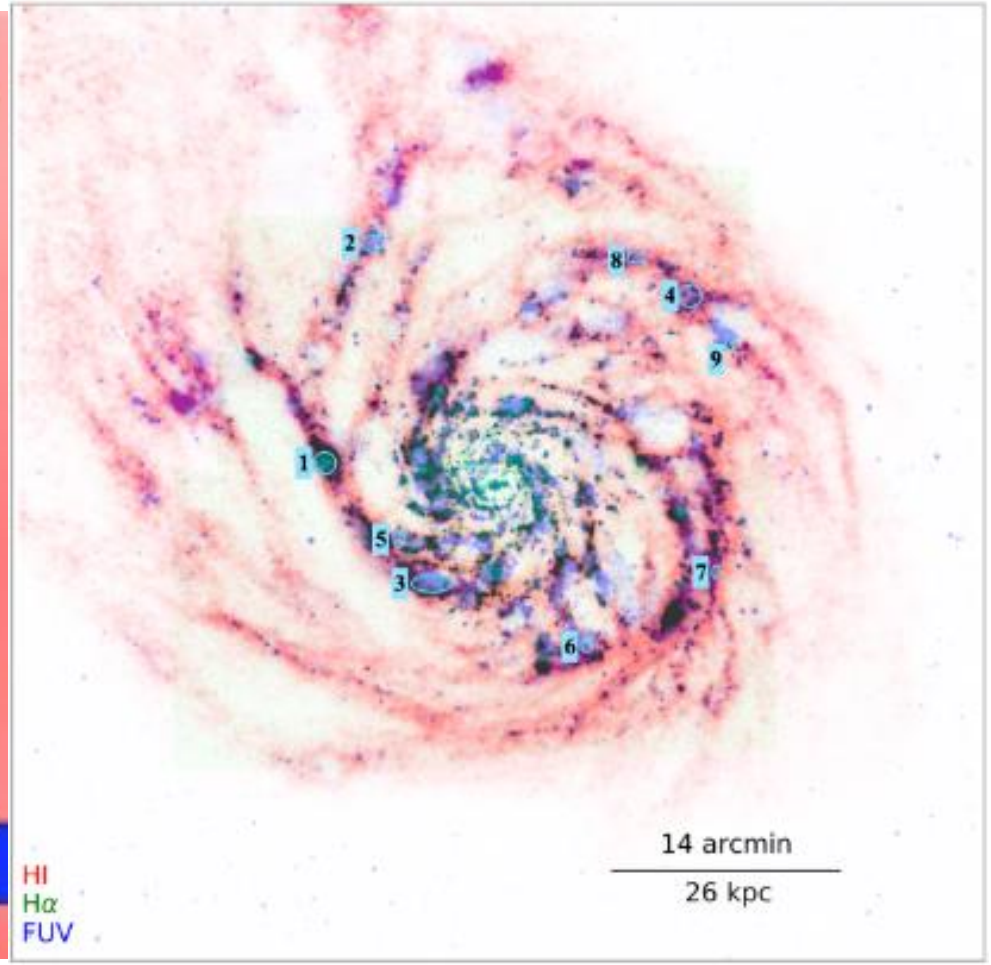






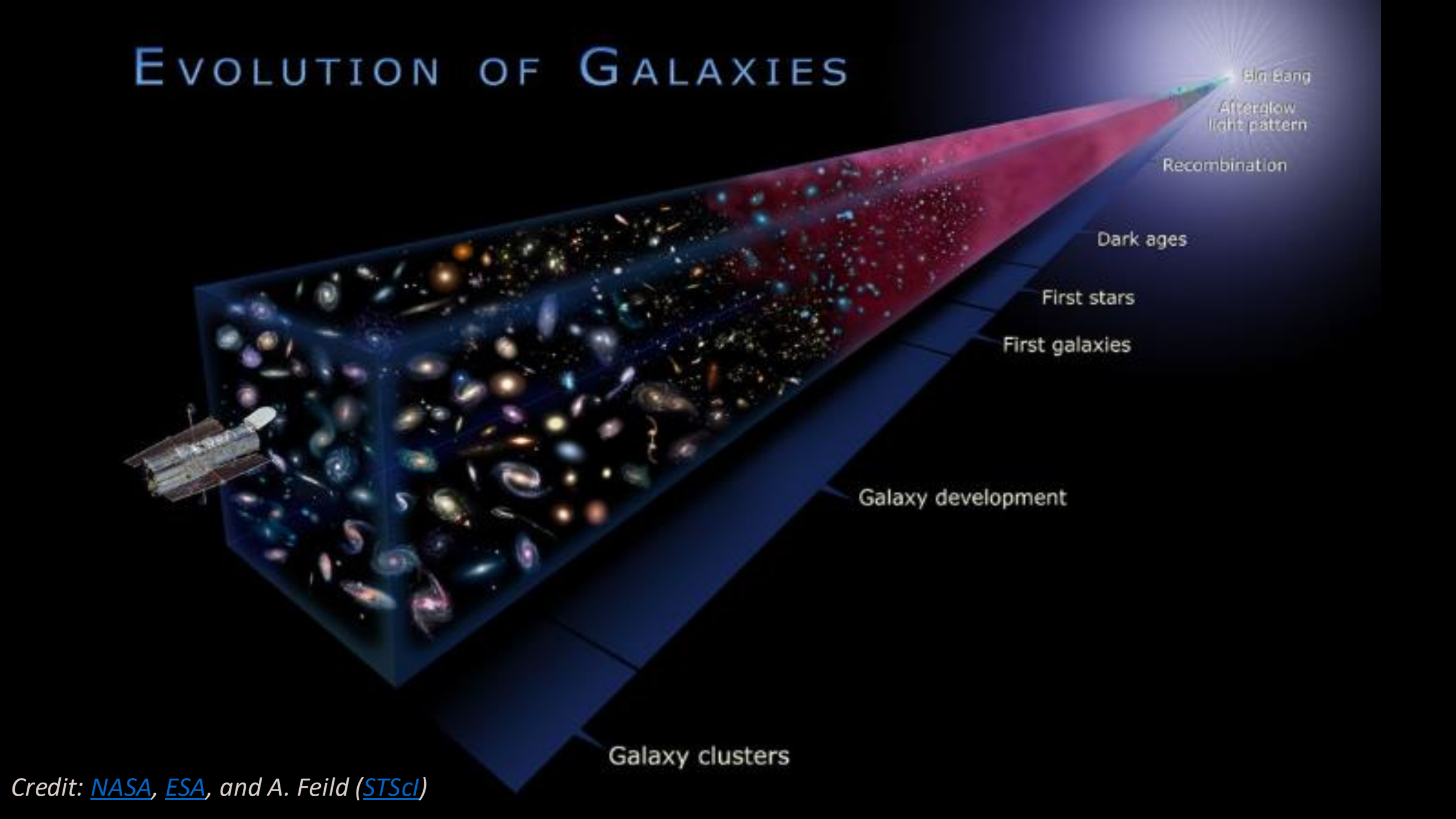
PhD: Galactic Fountains in M101





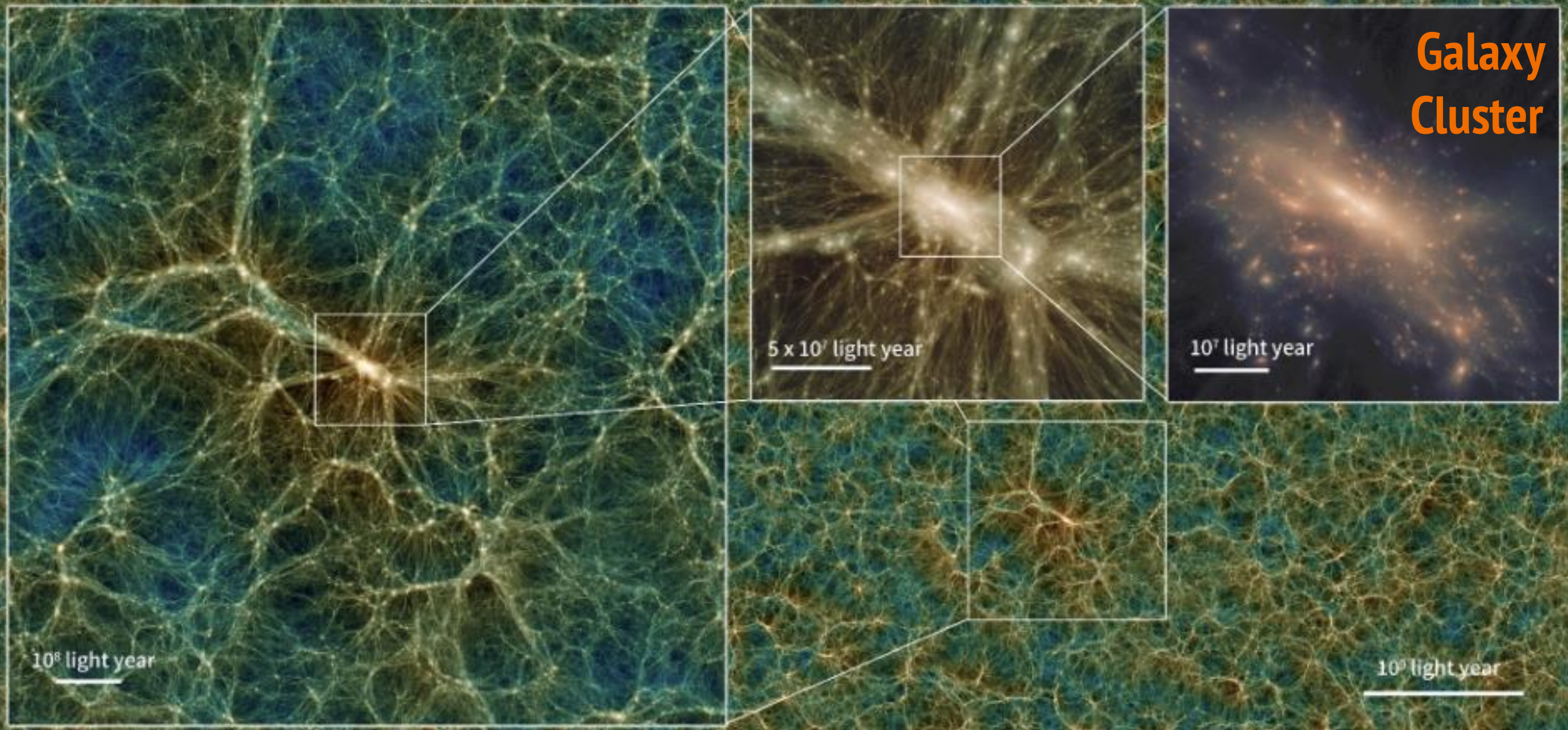
Marasco, Marinacci & Fraternali, (2013)

A. Anitha Shaji et al.,(2025)



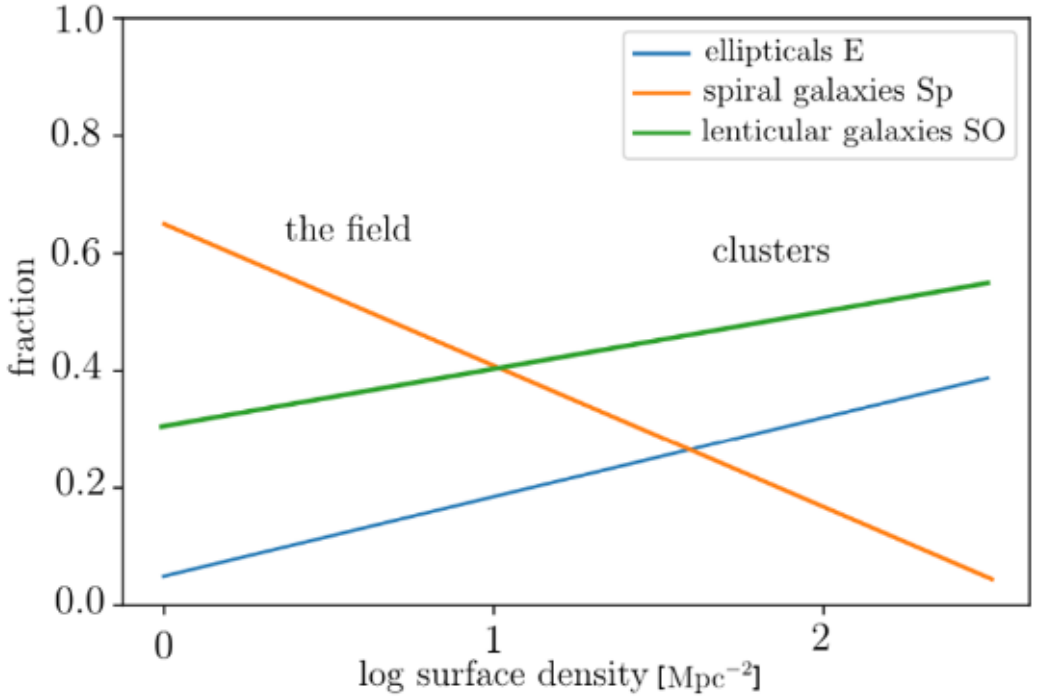
Credit: NASA, ESA, and A. Feild (STScI)

Cosmic Web of Galaxies

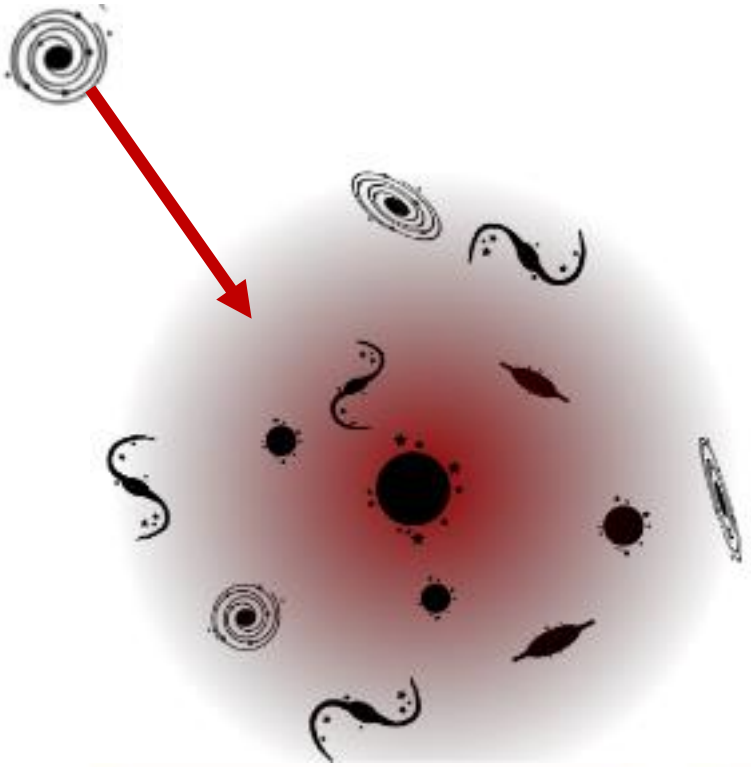


Uchuu simulations Credit: Tomoaki Ishiyama

Morphology–Density







Ram Pressure Stripping (RPS)

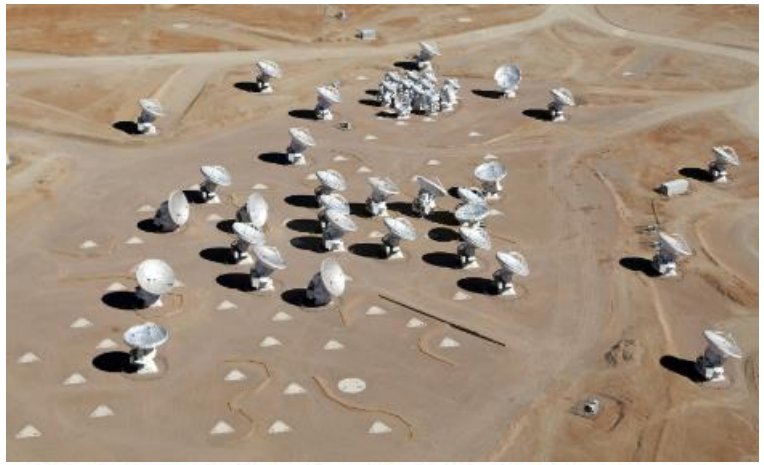


Jellyfish Galaxies



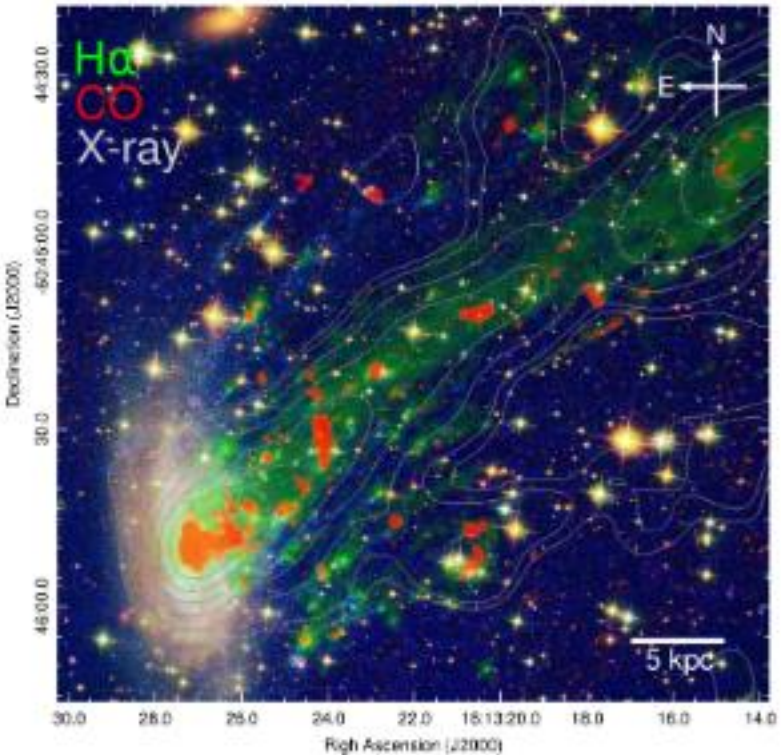



Now: Search for molecular gas in RPS tails

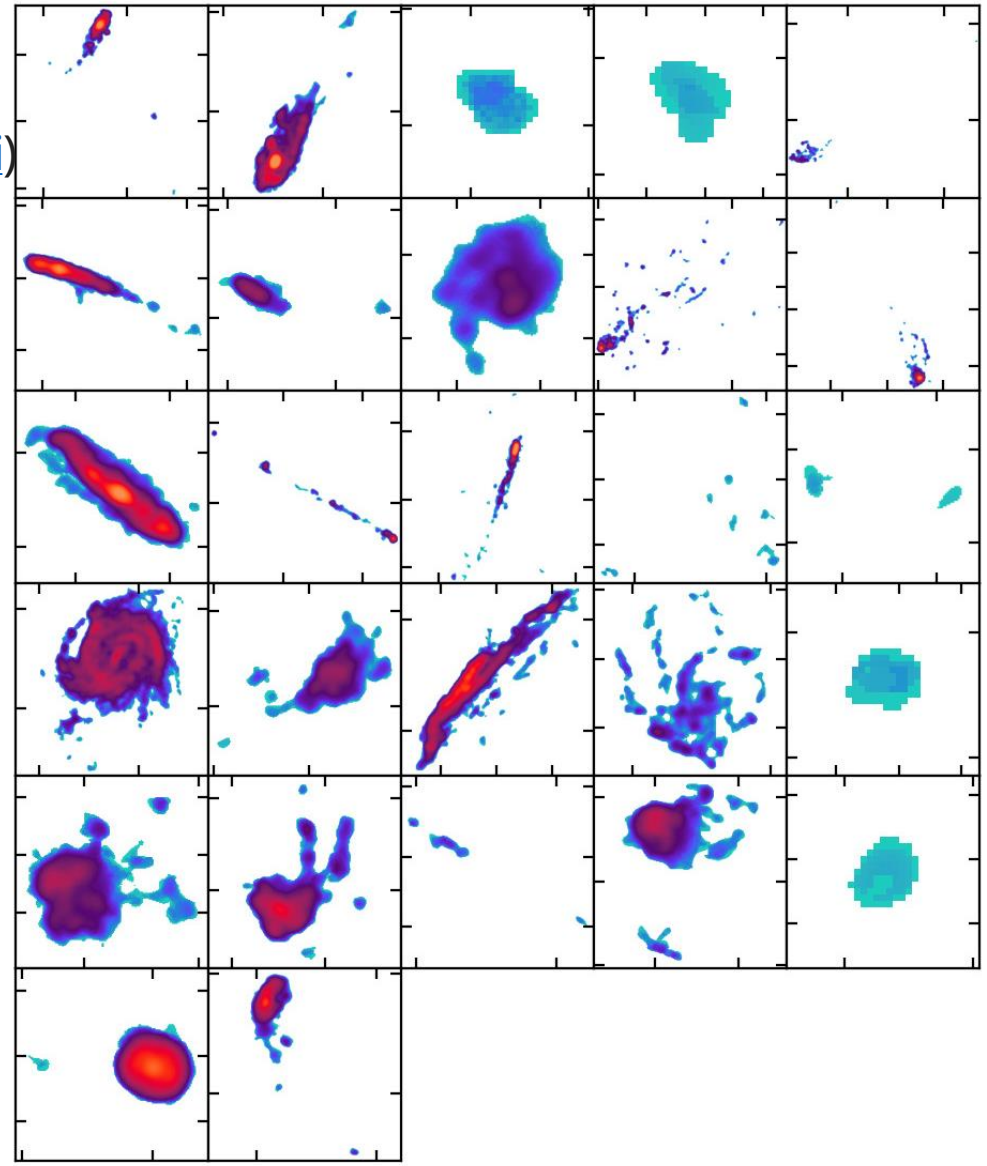


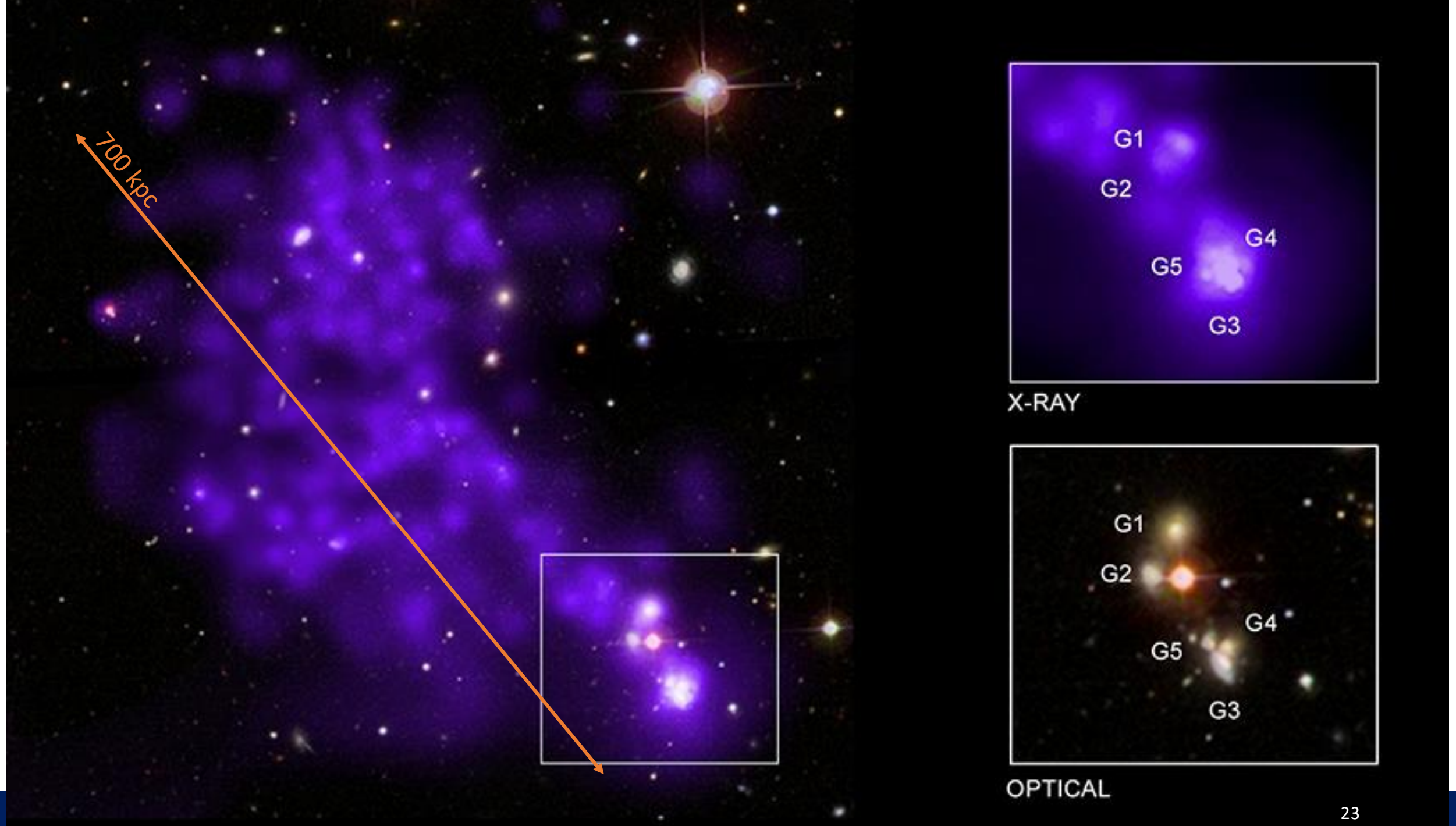
ALMA Large Program
(2021.1.01616.L; PI: Jáchym, coPI: Ming Sun, Masafumi Yagi)

JELLY



CO(2-1) ALMA Band 6 observations of 28 jellyfish galaxies in Coma, Leo, and Norma clusters.




700 kpc
G1
G2
G4
G5
G3
X-RAY
G1
G2
G4
G5
G3
OPTICAL