

NGC 7496

Hubble (Visible Light)

24 million light-years away



NGC 7496

MIRI imaging

24 million light-years away



3,500 LIGHT-YEARS

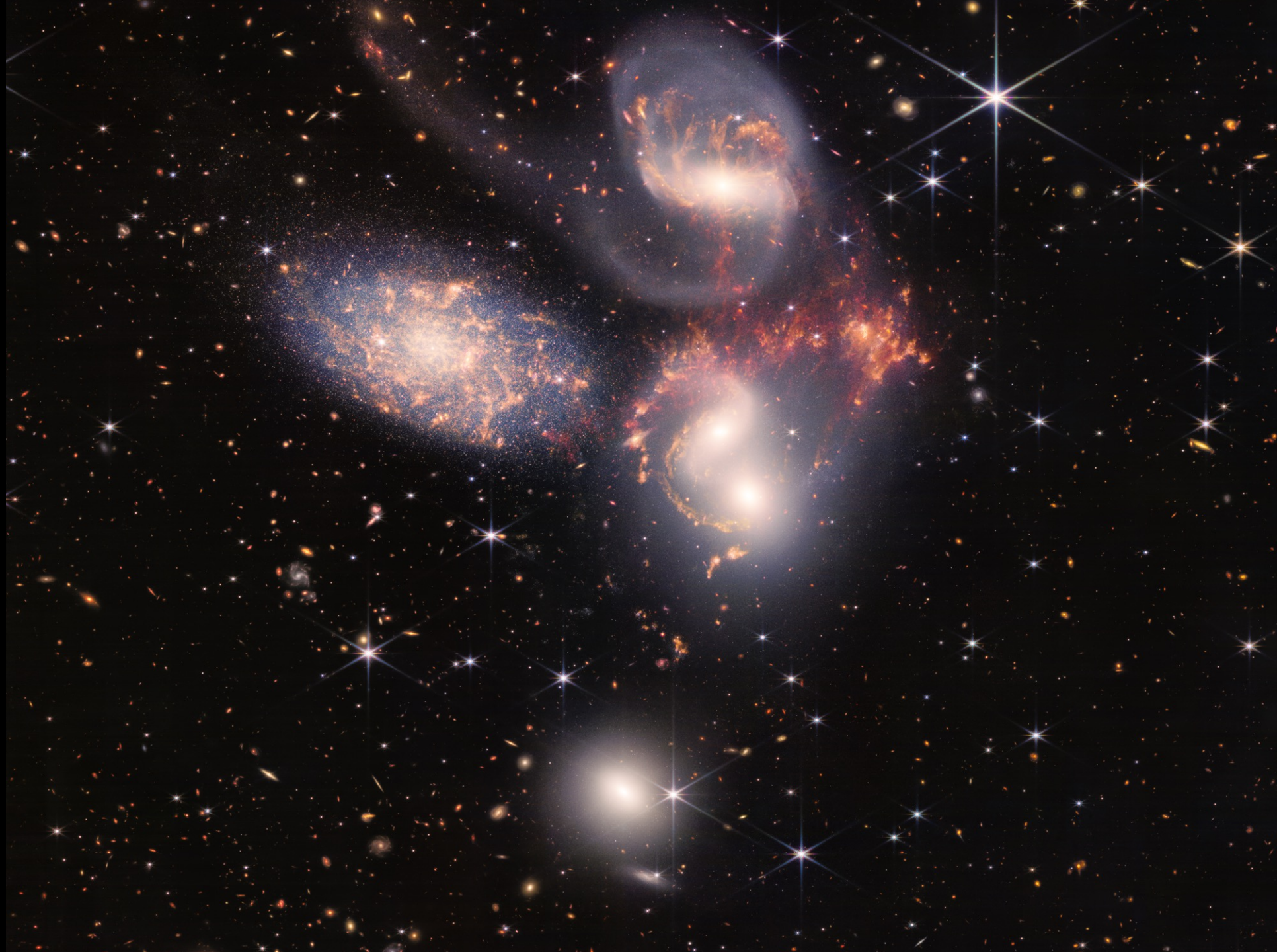
30"

Stephan's Quintet

NIRCam/MIRI imaging

Quintet 290 million light-years
away

620,000 light-years across



**Pandora's
Cluster
(Abell 2744)**

NIRCam imaging

3.5 billion light-years away



**Pandora's
Cluster
(Abell 2744)**

NIRCam imaging

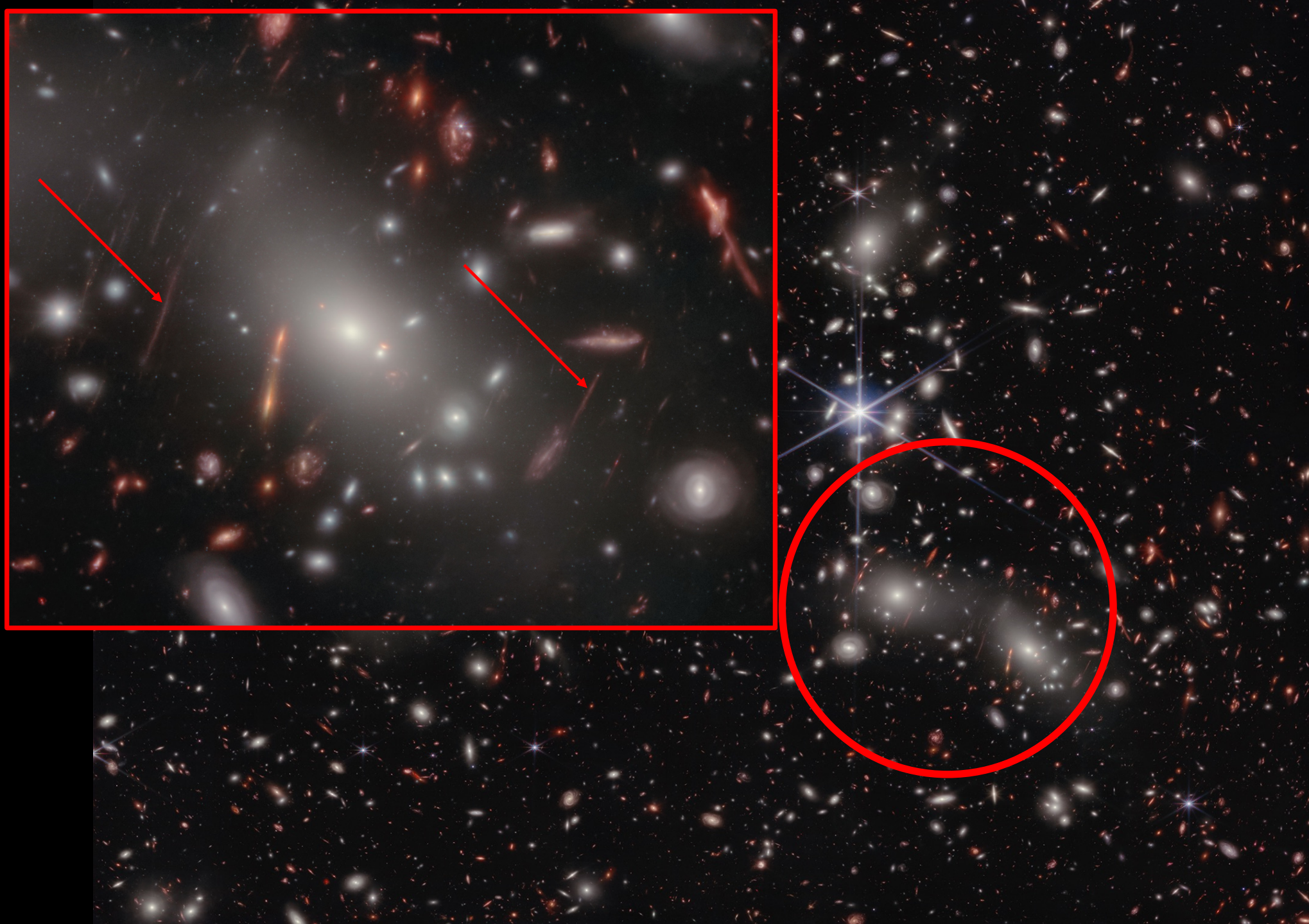
3.5 billion light-years away



Pandora's Cluster (Abell 2744)

NIRCam imaging

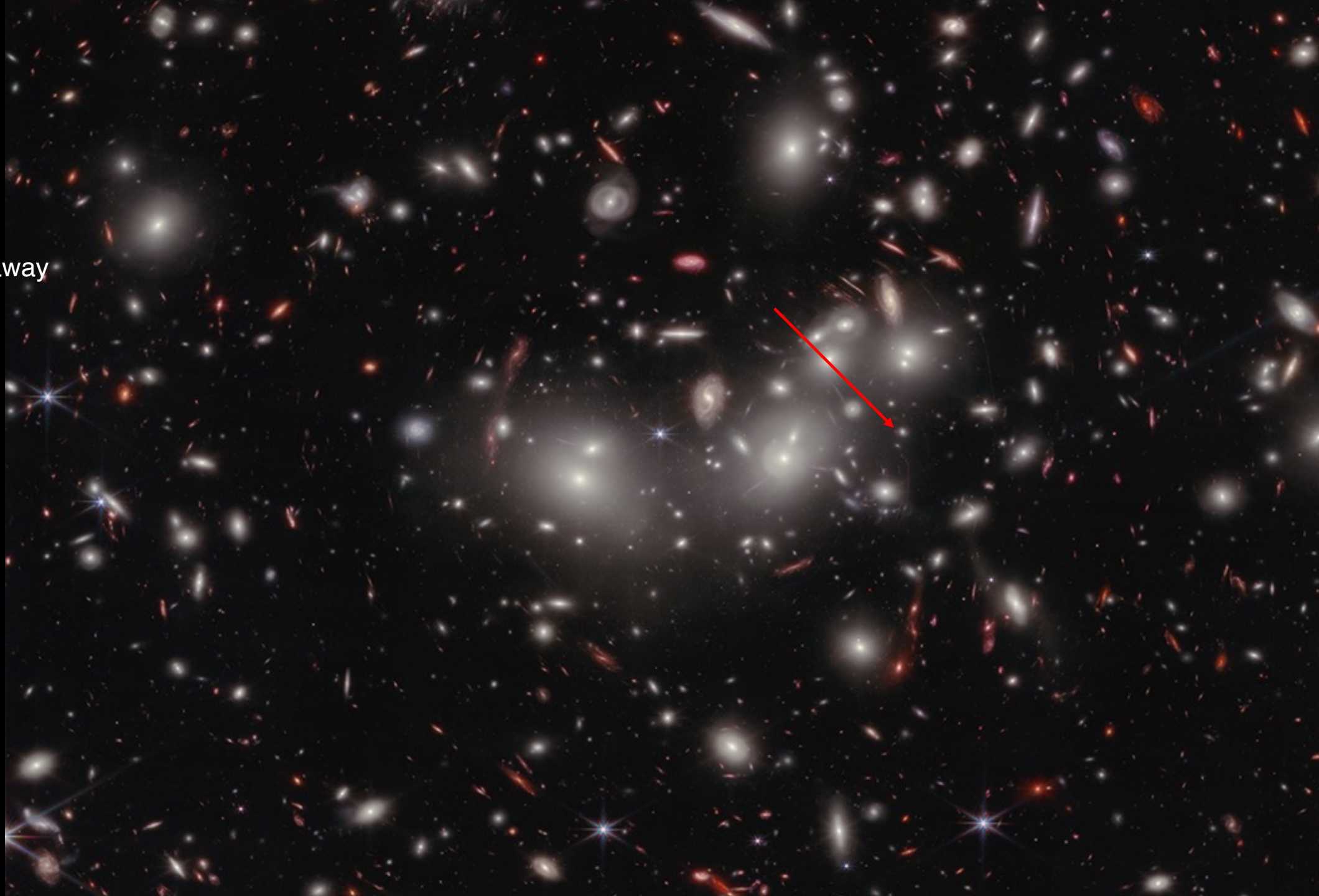
3.5 billion light-years away



**Pandora's
Cluster
(Abell 2744)**

NIRCam imaging

3.5 billion light-years away



Pandora's Cluster (Abell 2744)

NIRCam imaging

3.5 billion light-years away



Hubble Deep Field



THE BIG BANG



EARLY UNIVERSE



13.8 billion years ago

12.8 billion years ago

First Galaxies

SPITZER'S LIMIT



SPITZER

HUBBLE'S LIMIT



HUBBLE

WEBB'S LIMIT



WEBB

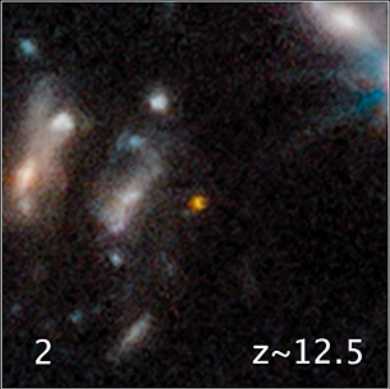
Present Day



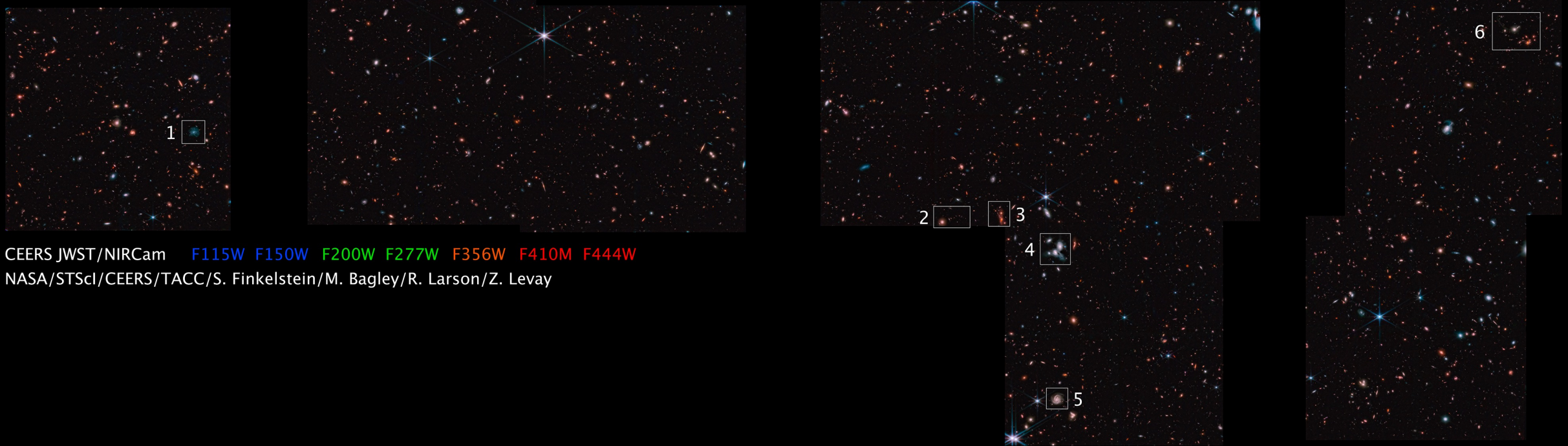
Finding distant galaxy candidates in the early universe



Abell 2744 GLASS
JWST/NIRCam

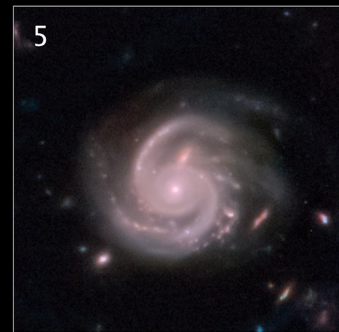
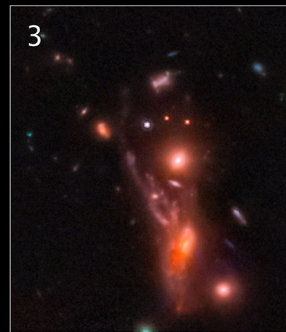
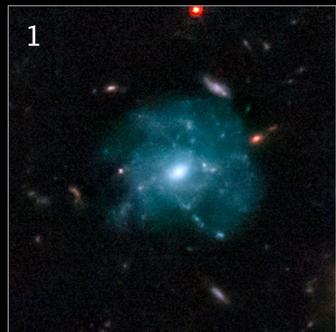


Finding Extremely Distant Galaxies with CEERS

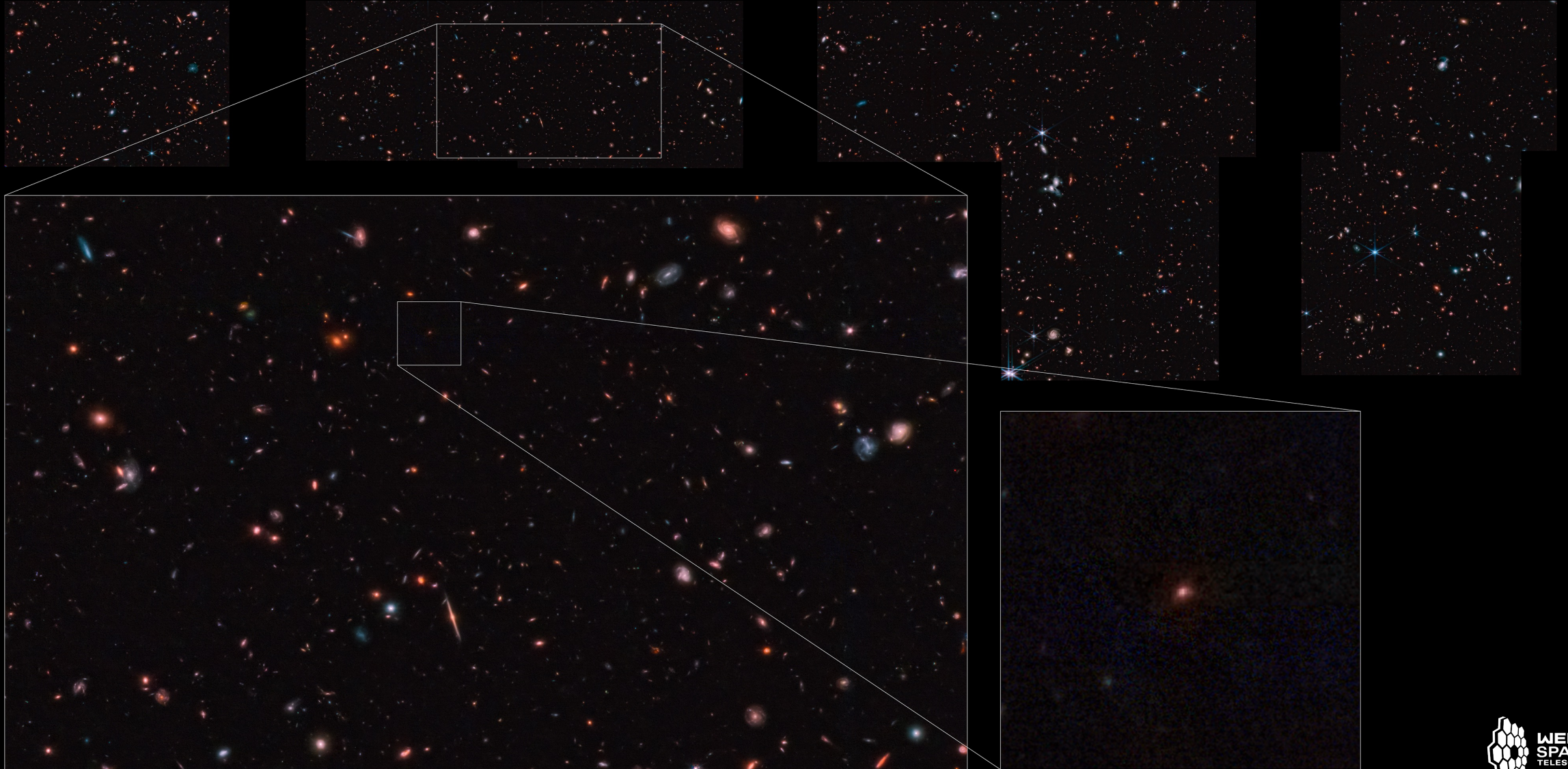


CEERS JWST/NIRCam F115W F150W F200W F277W F356W F410M F444W

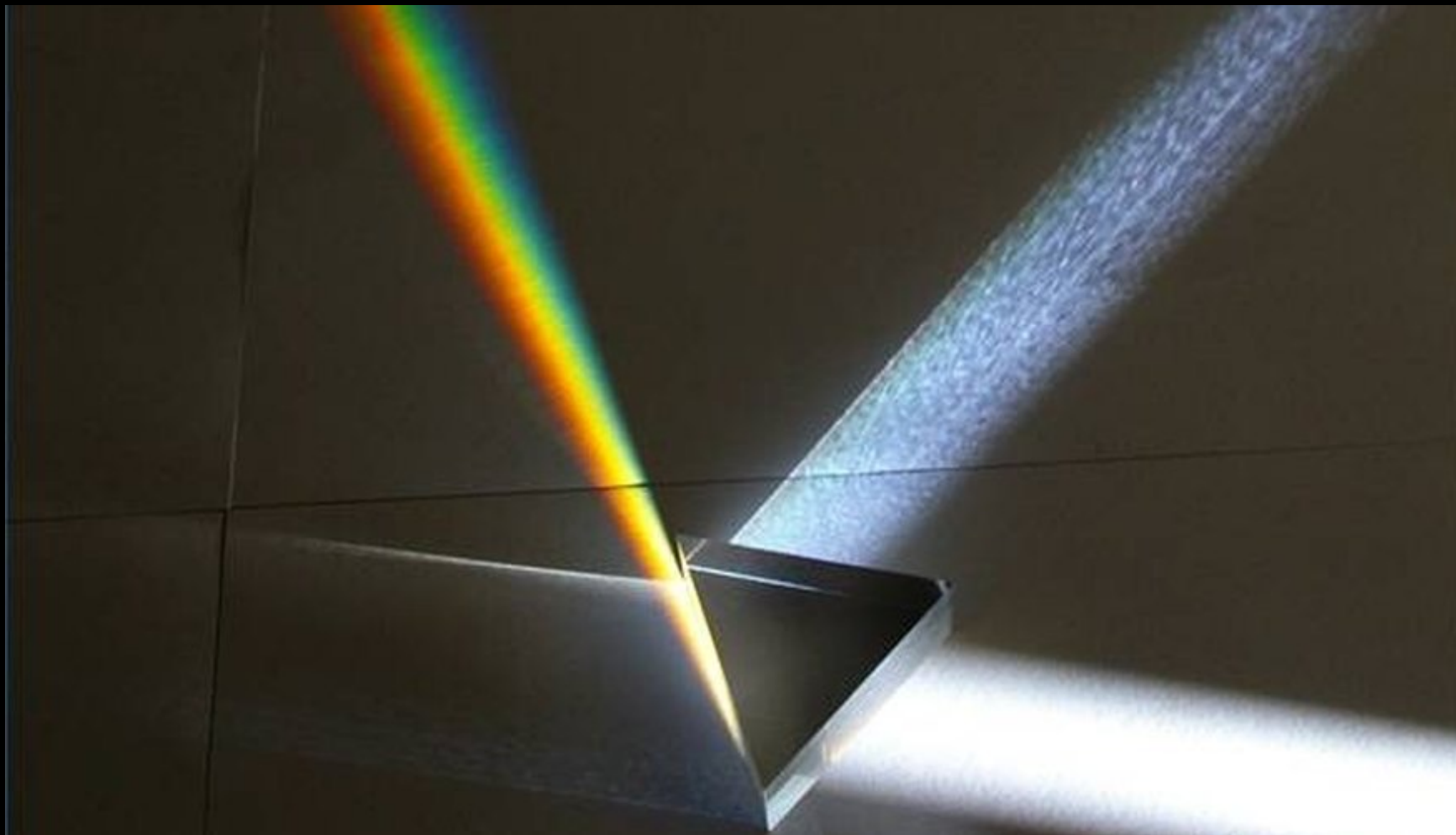
NASA/STScI/CEERS/TACC/S. Finkelstein/M. Bagley/R. Larson/Z. Levay



Finding Extremely Distant Galaxies with CEERS



Light can be separated into the colors of the rainbow.



**Section of the
JWST Advanced
Deep
Extragalactic
Survey (JADES)
Survey**

NIRCam imaging

