

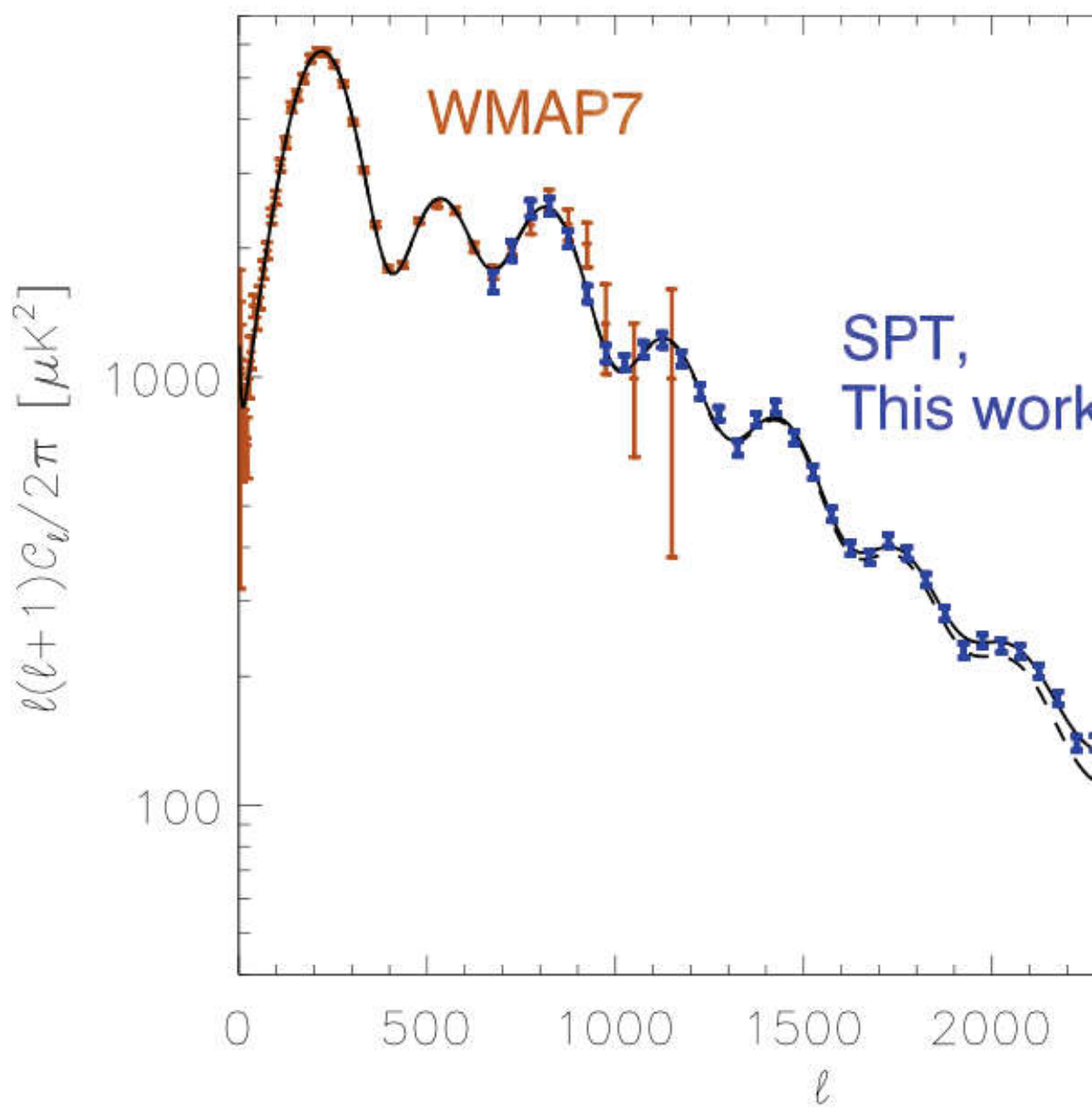
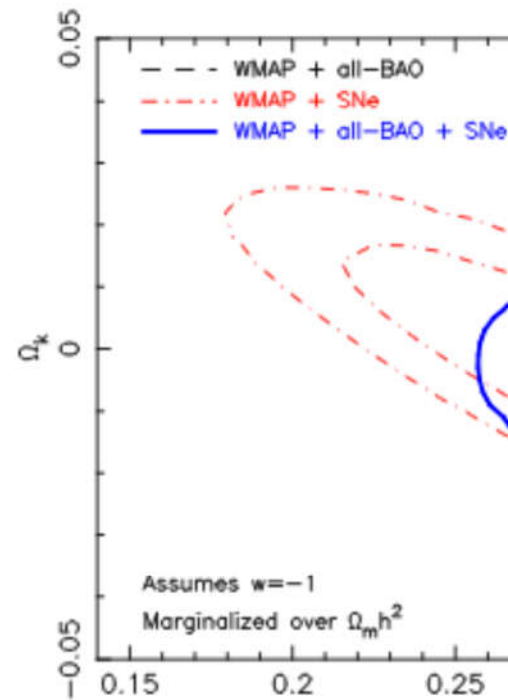
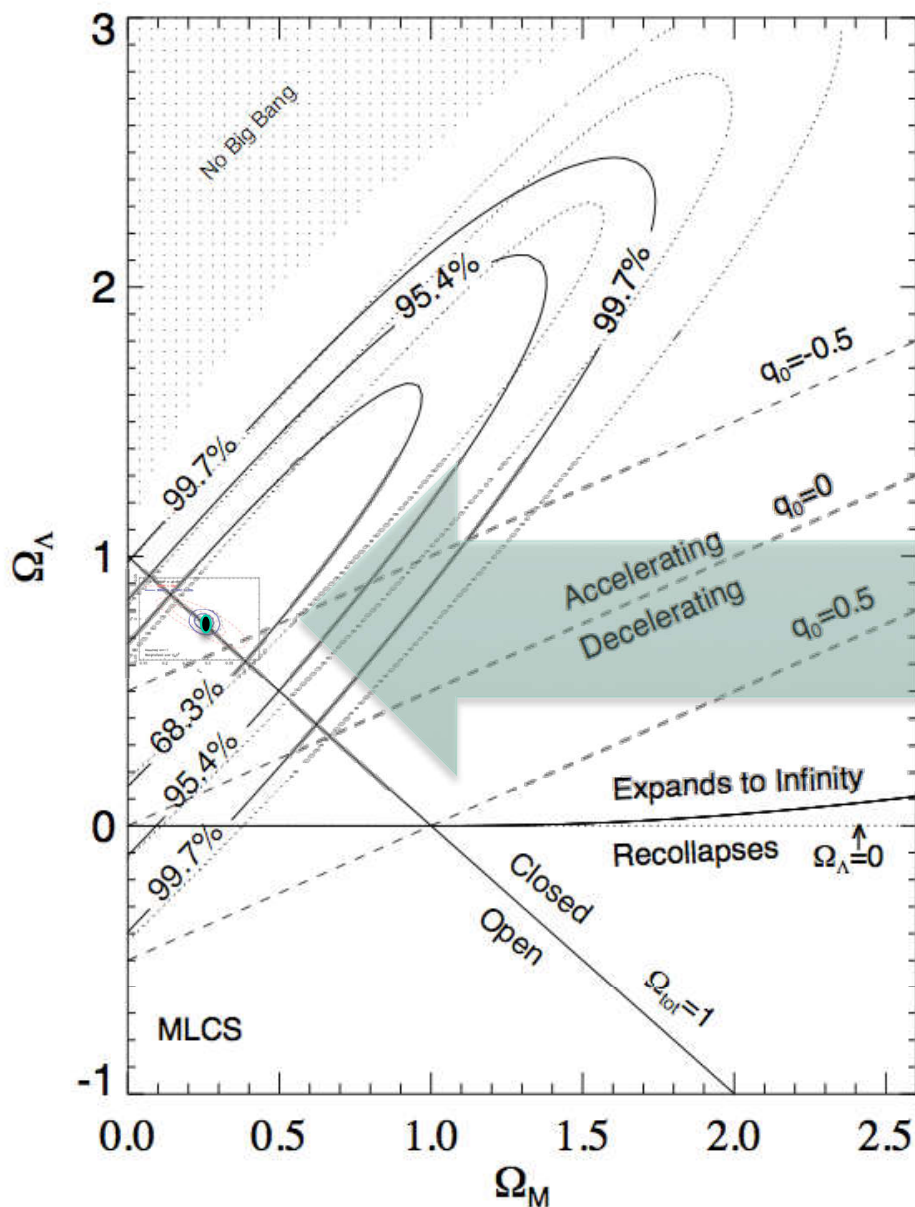
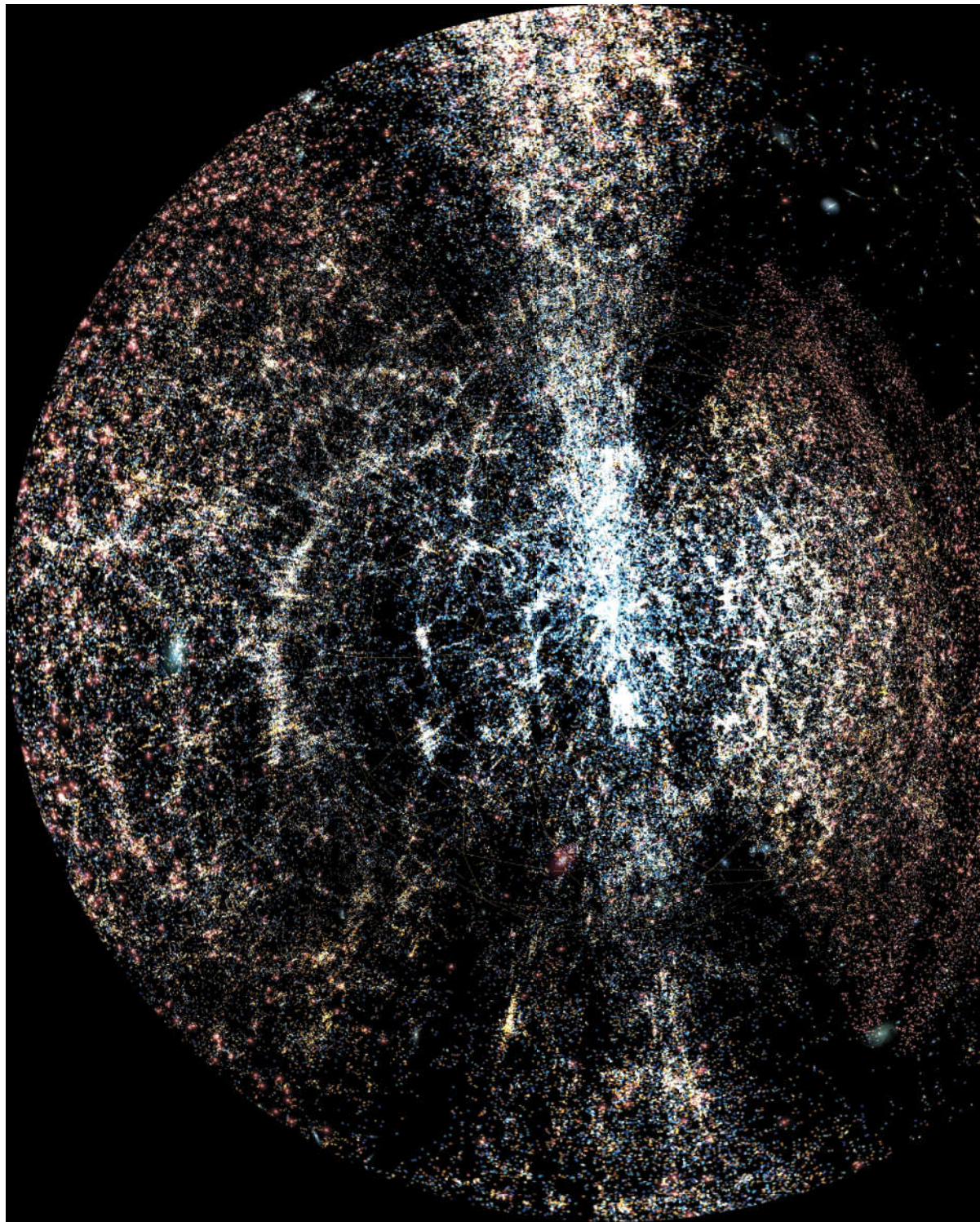


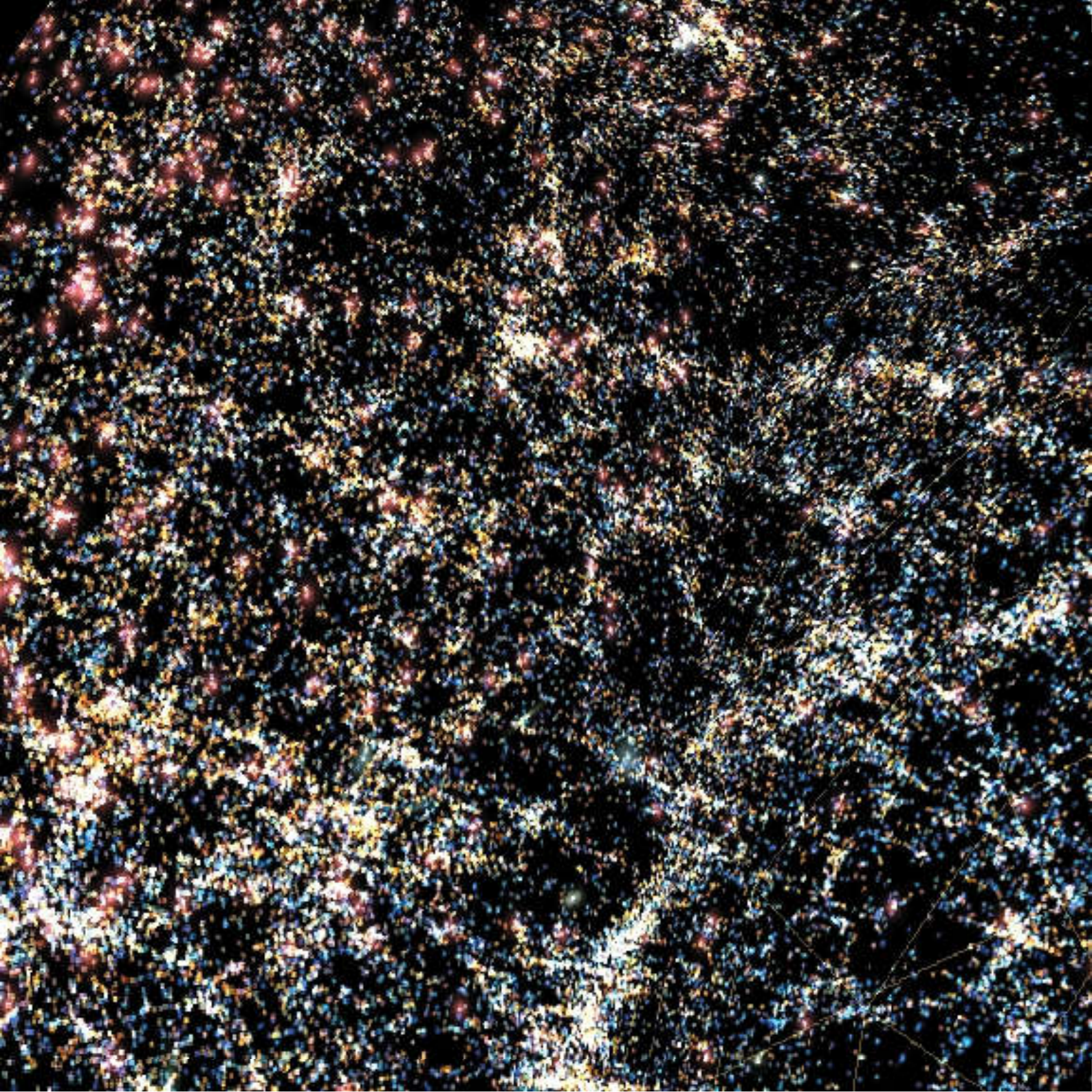
FIG. 5.— The SPT bandpowers, WMAP bandpowers, and best-fit Λ CDM theory spectrum.

How far have we come since



Riess *et al*, 1998

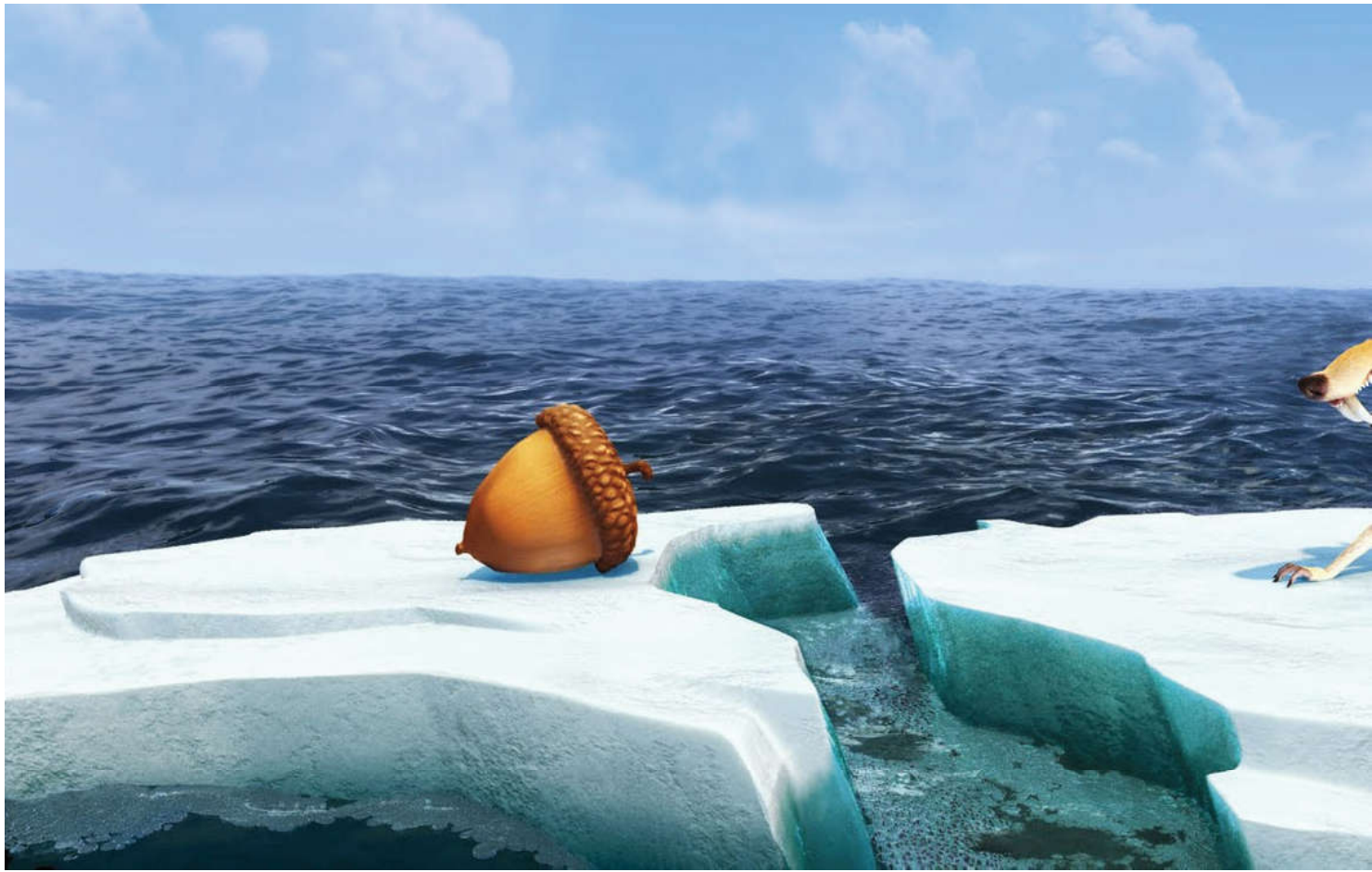


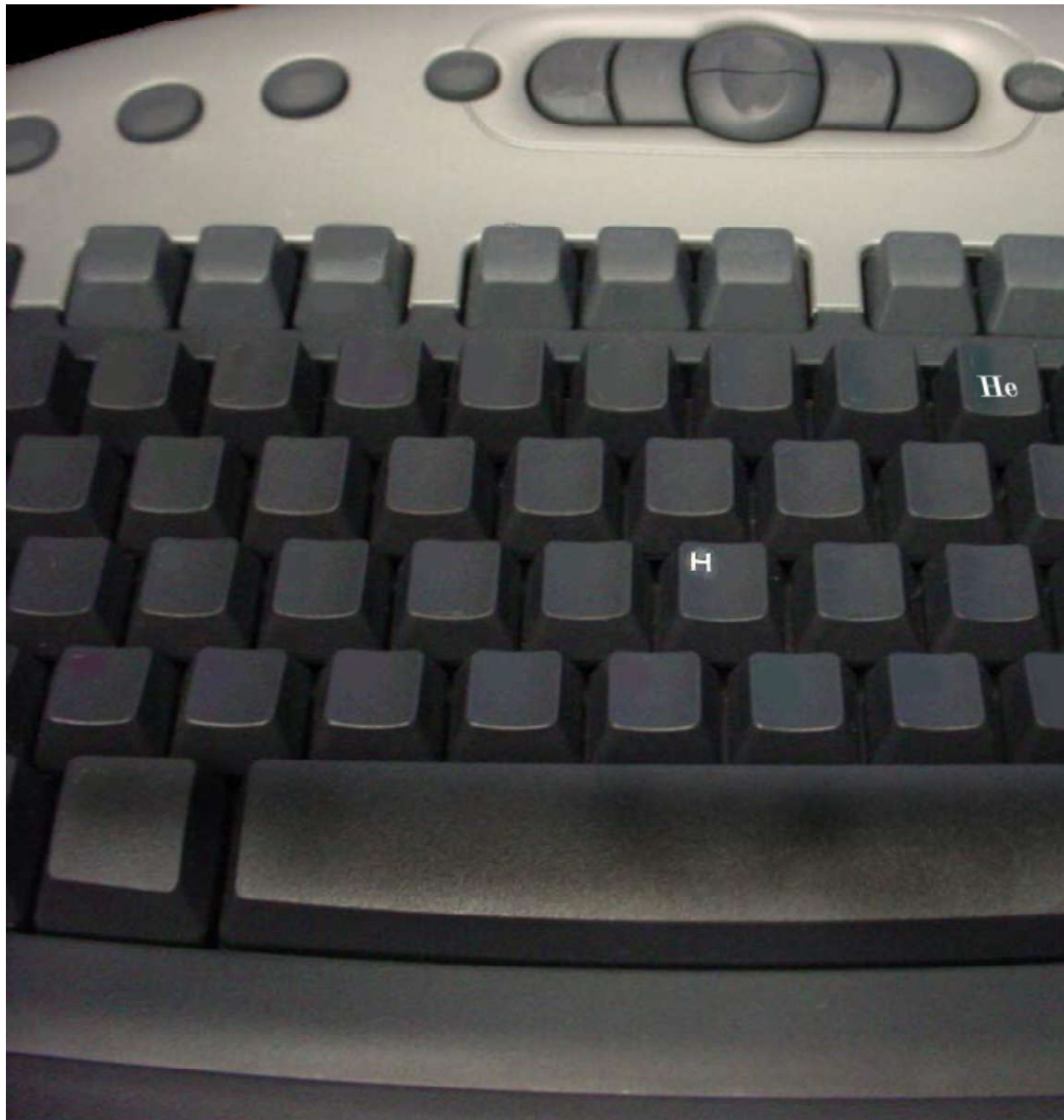


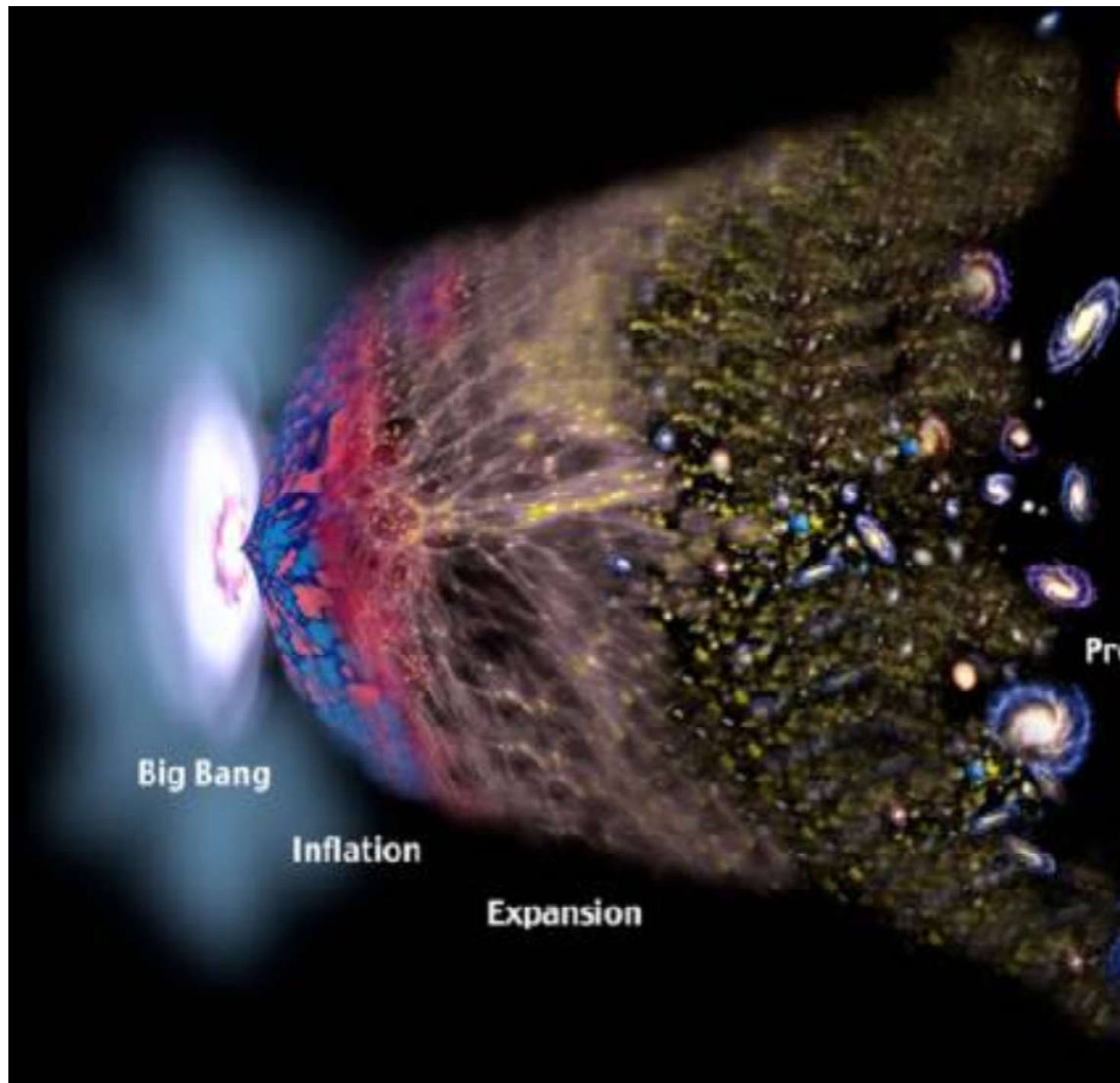


**“ I think there is a world market for
computers**

– Attributed to Thomas W







PETER

4c) Expand

~~$x^3 + 2x - 2$~~

$(a+b)^n$

$= (a + b)^n$

2

?

$= (a + b)$

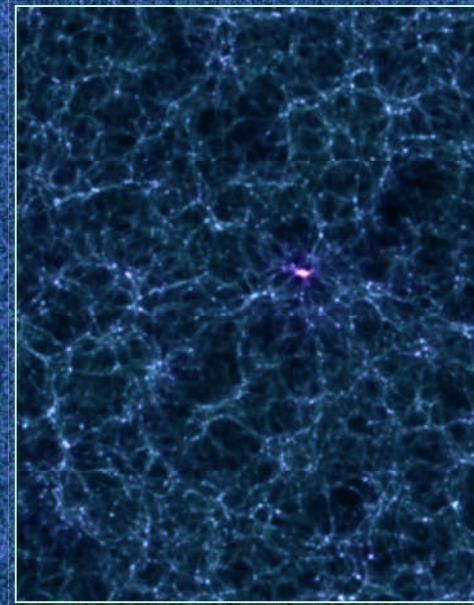
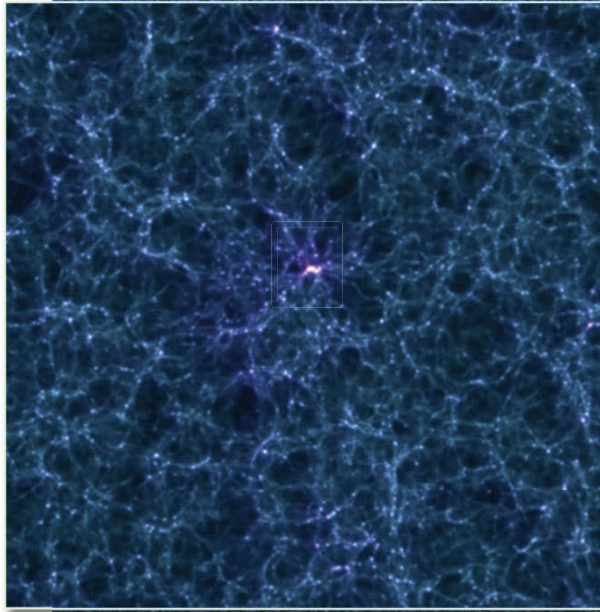
$= (a$

~~+~~

etc...



D
DE

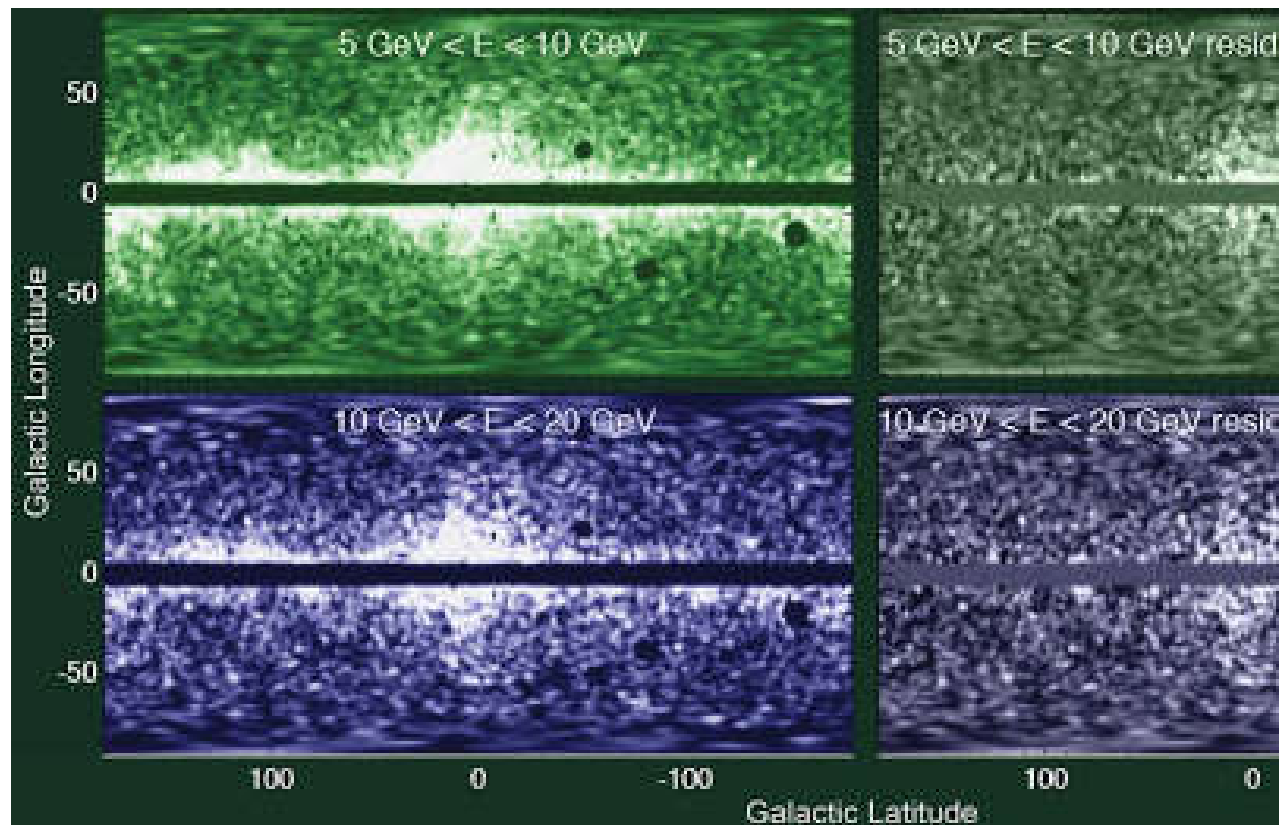


21 h⁻¹Gpc

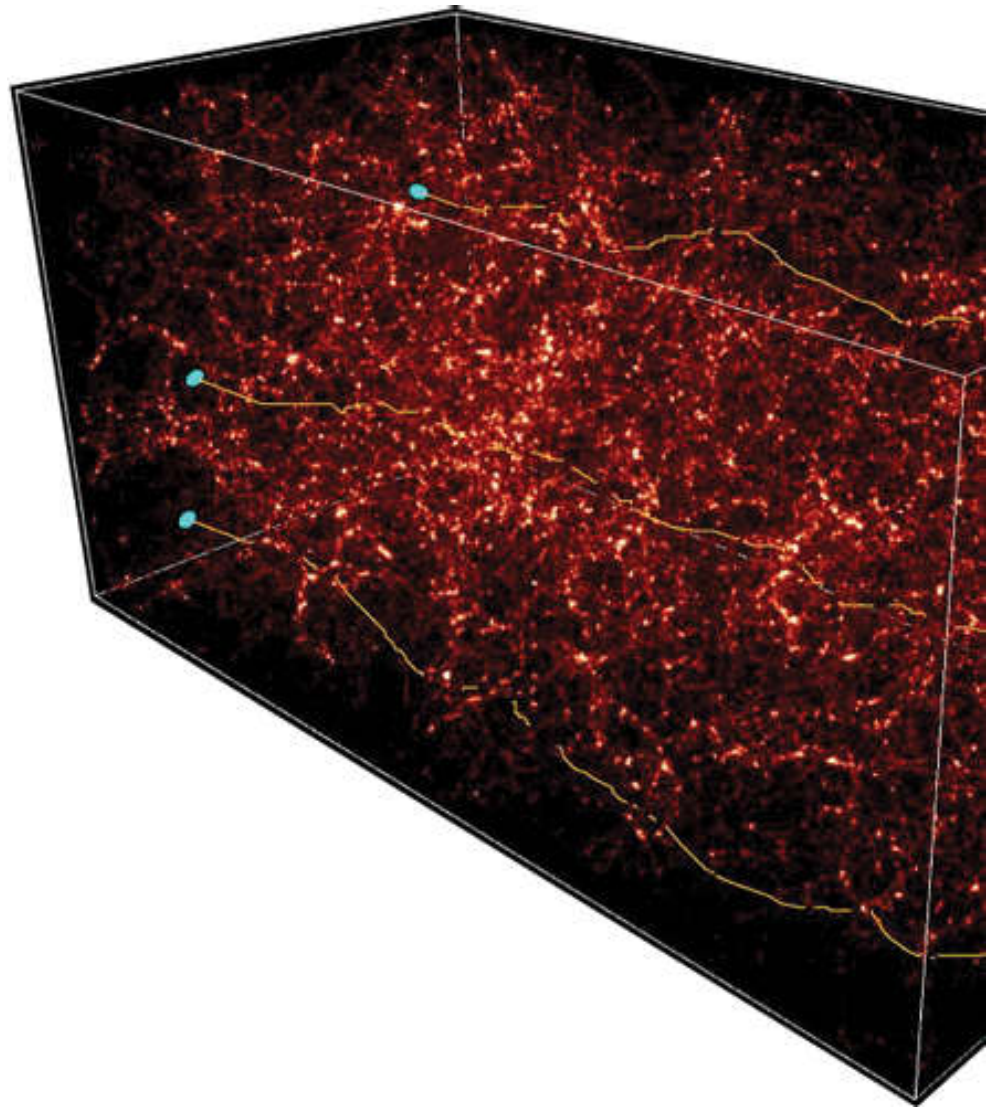
© www.deus-consortium.org

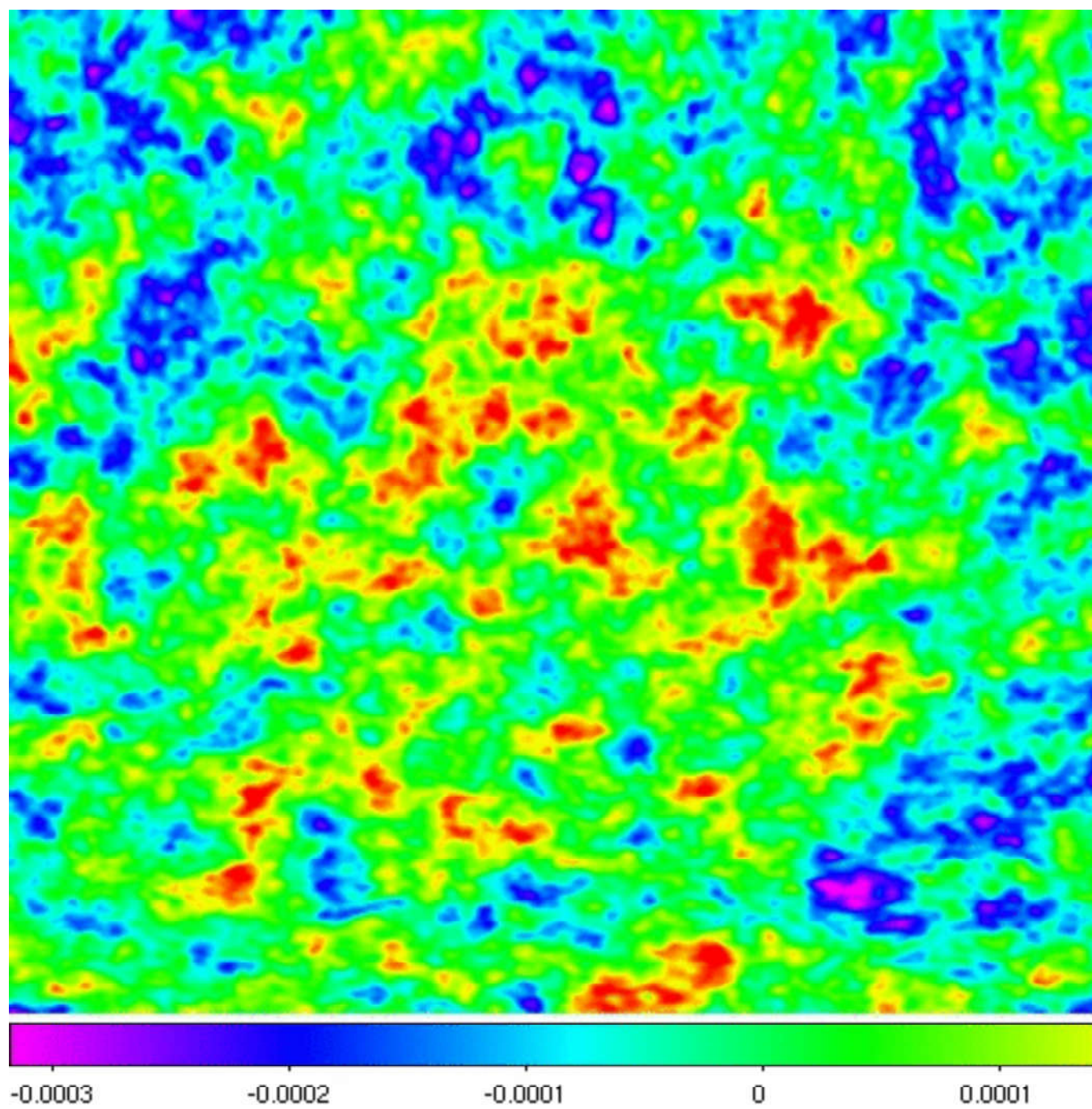
Some things to look out for
next couple of years

Direct/Indirect Detection of Dark Matter

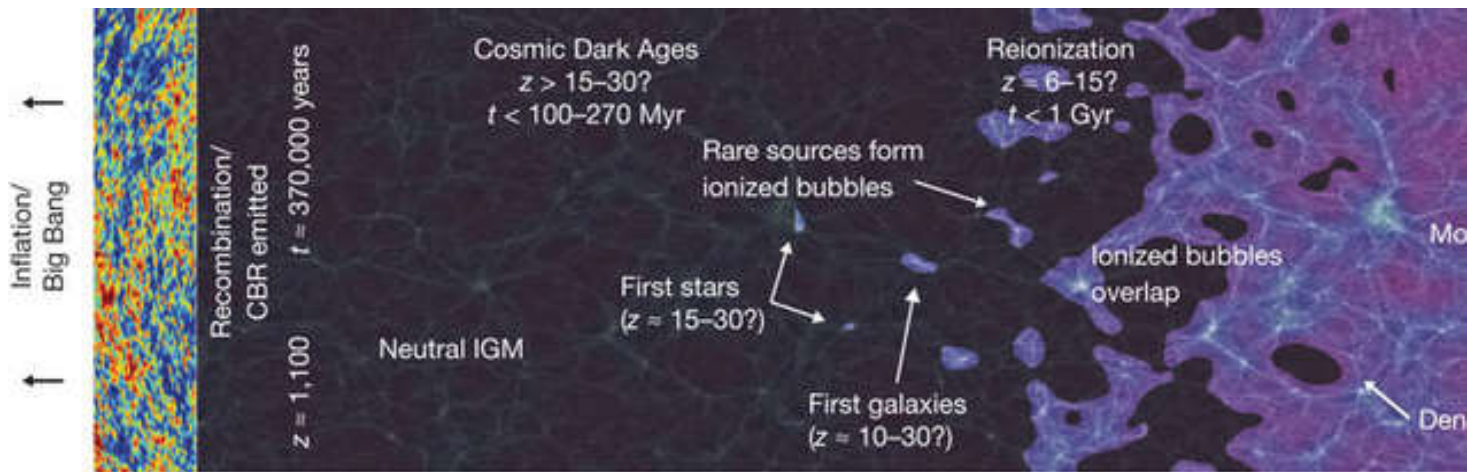


Gravitational Lensing of the





Reionisation of the Universe



The Southern African Large Telescope



A death 250 million years



But the news only reached us in 200



New Cosmological F

- MeerKAT, LOFAR, ASKAP
- The Dark Energy Survey, PanSTARRS
- LSST (2020?)
- EUCLID (2018), BigBOSS (2020?)
- SKA (2025?) and many others...

These will provide amazing data-sets for a wide range of astronomy, including amateur astronomy



“

*The most remarkable discovery
ever made by scientists
was science itself*

- Ja