

North Deep Field $12^{\text{h}} 36^{\text{m}} 49^{\text{s}}$, $+62^{\circ} 12' 58''$

+90°

Center of the Universe
Located by
Triangulation of NASA
Data

Earth

0°

12 hr

0 hr

by Charles Sven

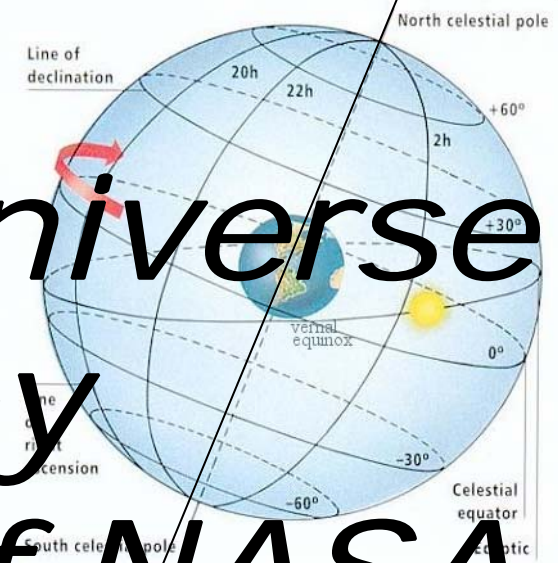
9/25/10

-90°

South Deep Field $22^{\text{h}} 32^{\text{m}} 56^{\text{s}}$,
 $-60^{\circ} 33' 02''$

Green Sphere -
source of CMB
radiation

Cold spot
 $23^{\text{h}} 15^{\text{m}} 05^{\text{s}}$,
 $-10^{\circ} 35' 02''$



NASA Data Used:

Both Deep Fields, the
Cold Spot, and the CMB

NASA's Deep Field Studies

1/15/96: "The [north deep field from the] Hubble telescope has provided mankind's deepest, most detailed visible view of the universe."

The second Hubble Deep Field South data was released on 11/23/98.

The physics of light -

restricts the parameters of one's view.

Recognizing such restrictions limits one's inference. Prior to the Deep Field South Results, one had less restrictions than now.

With both results in hand, the position of the viewer is limited to the line of sight.

Preliminary depiction of the

North and South Deep
Fields - on next slide

NASA's Hubble Ultra deep field north *HUDF09* & south *HDF-S* studies

Distance from **HUDF09** to **HDF-S** is approximately 25+ Gly

13 Gly HUDF09
12/8/09

Galaxies in North field HUDF09

Gly = billion light years

Very slow moving *Earth* 600 k/s or 0.2% speed of light

Center of our Universe - EBB

This area within this *CMB* circle is a representation of our visible universe filled with galaxies

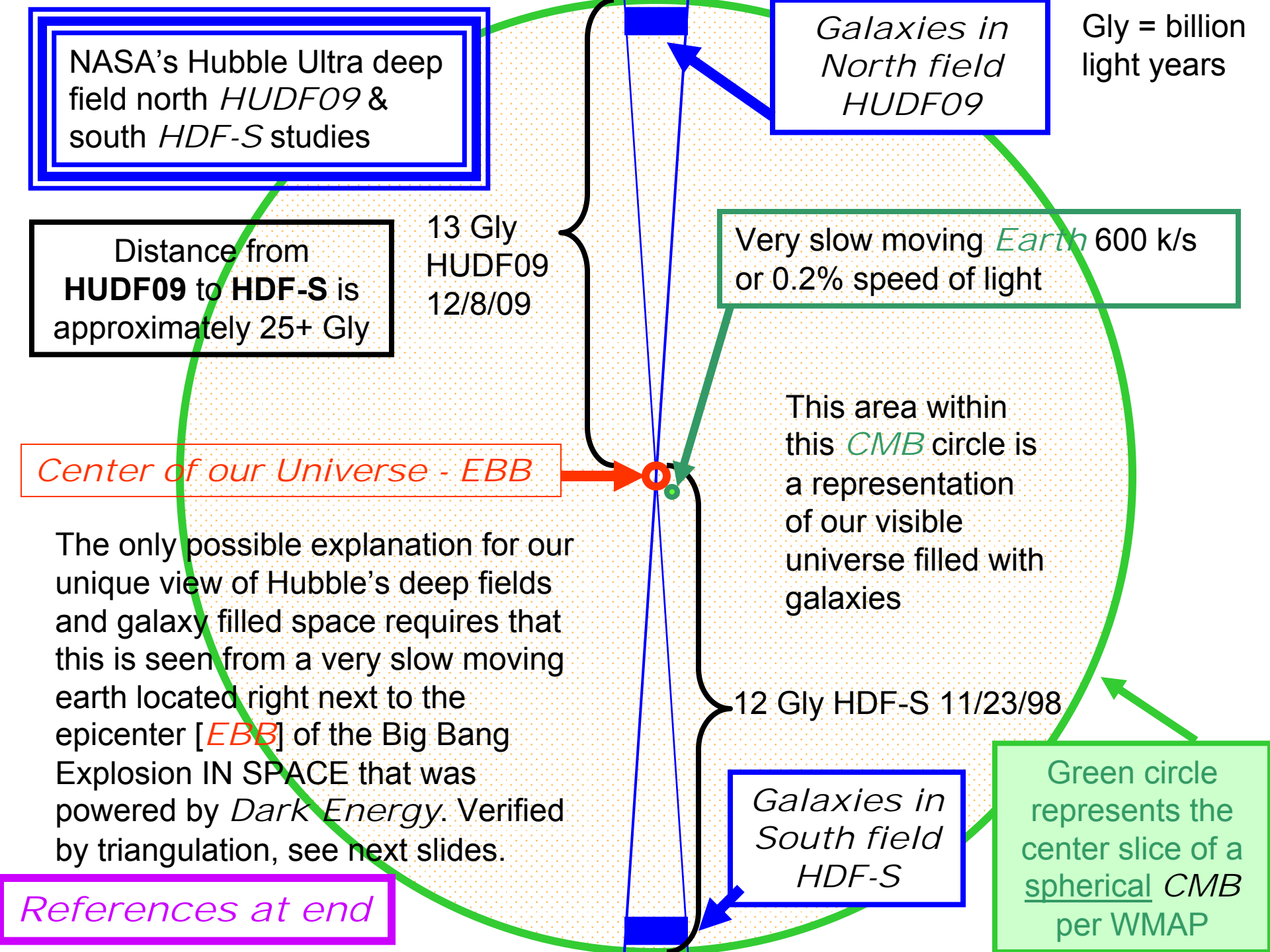
The only possible explanation for our unique view of Hubble's deep fields and galaxy filled space requires that this is seen from a very slow moving earth located right next to the epicenter [*EBB*] of the Big Bang Explosion IN SPACE that was powered by *Dark Energy*. Verified by triangulation, see next slides.

12 Gly HDF-S 11/23/98

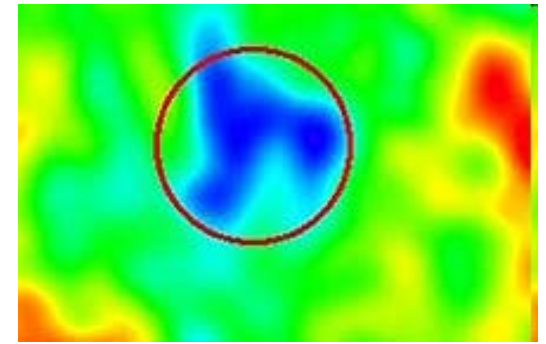
Galaxies in South field HDF-S

Green circle represents the center slice of a spherical *CMB* per WMAP

References at end



The Cold Spot



- The cold region in Eridanus was discovered in 2004, reported in 2007, found by author summer of 2010.
- The WMAP measured temperature of the "cold spot" is approximately $70 \mu^*K$ colder than the average CMB temperature (of approximately 2.725 K).
- From National Radio Astronomy Observatory
<http://www.nrao.edu/pr/2007/coldspot/>

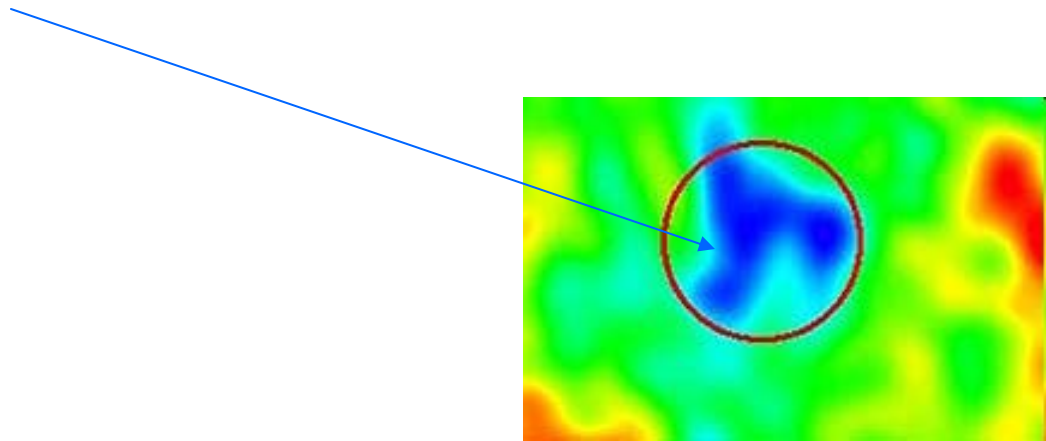
* The lower-case letter mu represents one millionth

Re: **second law of thermodynamics**

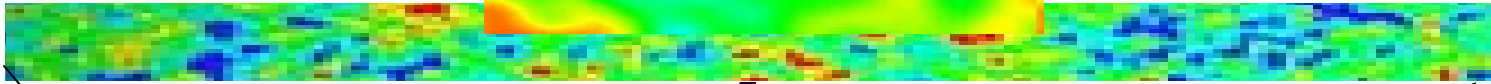
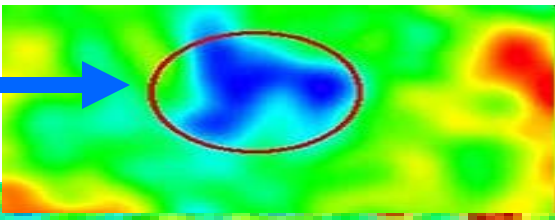


The further one moves from a **hot spot**

the *colder* is the radiation

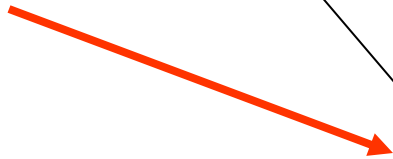


The Cold Spot



13.7 billion
light years –
as measured
from EARTH
today

The Hot Spot



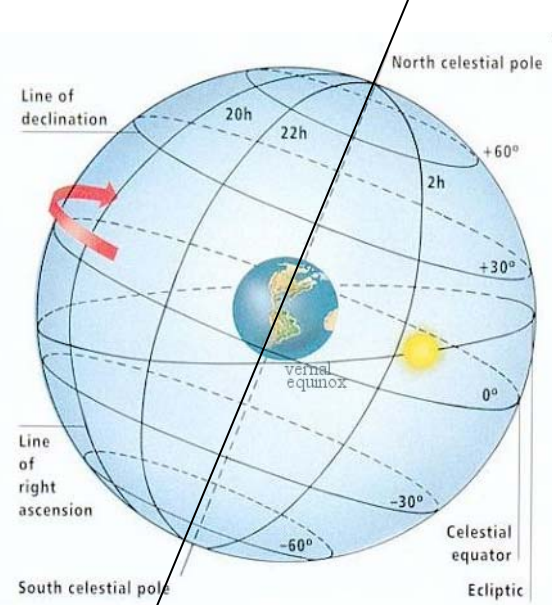
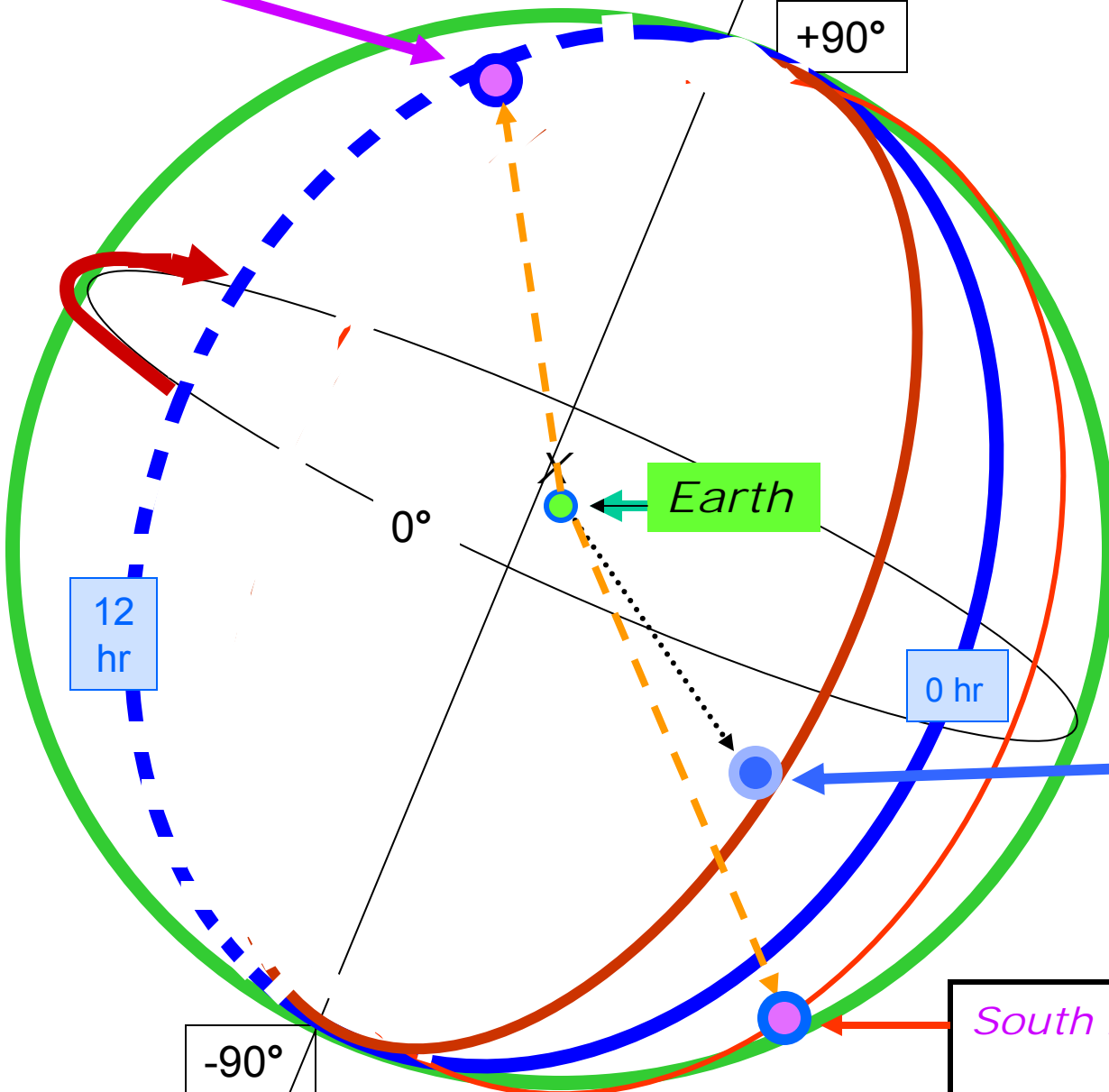
Time line of the Universe

Triangulation

Deep Fields plus the Cold Spot

Next slide

North Deep Field $12^{\text{h}} 36^{\text{m}} 49^{\text{s}}$, $+62^{\circ} 12' 58''$



Green Sphere - source of CMB radiation

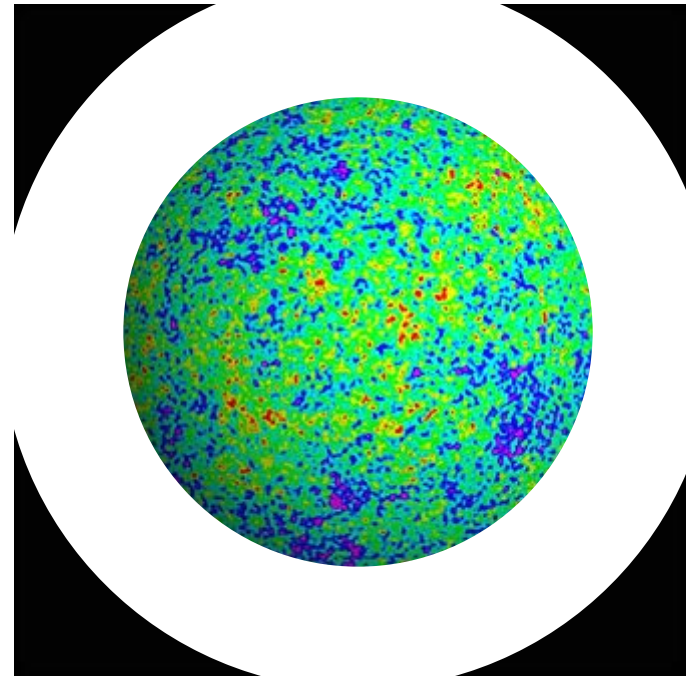
Cold spot
 $03^{\text{h}} 15^{\text{m}} 05^{\text{s}}$,
 $-19^{\circ} 35' 02''$

South Deep Field $22^{\text{h}} 32^{\text{m}} 56^{\text{s}}$,
 $-60^{\circ} 33' 02''$

Credit:
CJ Sven

Initially – the CMB

was found by large radio antennas and the static like signals received, were discussed as **homogeneous** beyond what was received, even when we put up the WMAP satellite and found a unique topology.



And so the original concept of homogeneity is very hard to eliminate.

The Very Well Scrubbed CMB Data is not homogeneous, concept notwithstanding.

Data reported as:

SEVEN-YEAR DATA

COSMOLOGICAL PARAMETERS TABLE

FIVE-YEAR DATA

THREE-YEAR DATA

FIRST-YEAR DATA

Overall results have remained the same – *every CMB point is unique*, and may be labeled for use in triangulation.

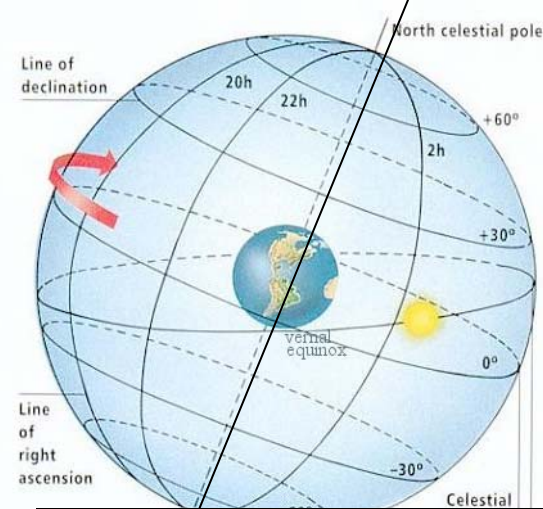
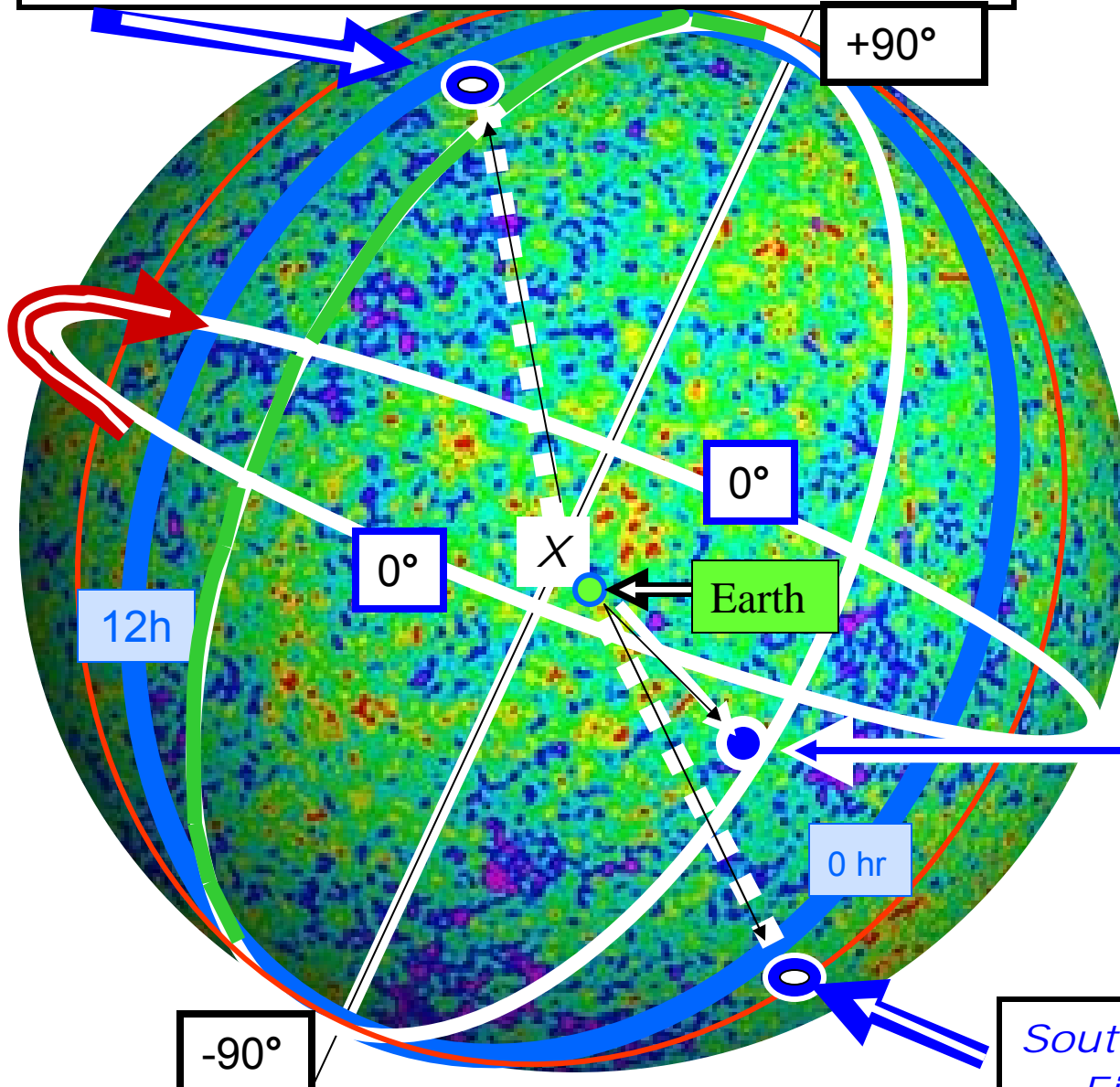
Triangulation

Add – CMB's stable topography
and the Physics of Light:

The infinite number of CMB points virtually unchanged, from NASA's first view to current; triangulate Earth's unique view from Center via line of sight. see Triangulation next slide

North Deep Field $12^{\text{h}} 36^{\text{m}} 49^{\text{s}}$, $+62^{\circ} 12' 58''$

$+90^{\circ}$



Any labeled CMB point can be used in triangulation calculations for locating Earth

Cold spot $3^{\text{h}} 15^{\text{m}} 05^{\text{s}}$
 $-19^{\circ} 35' 02''$

South Deep Field $22^{\text{h}} 32^{\text{m}} 56^{\text{s}}$,
 $-60^{\circ} 33' 02''$

-90°

0 hr

0°

0°

12h

Center by Triangulation

- Not just two fixed points from a known distance apart but
- Three major points - Deep Field North, South and the Cold Spot
- plus an infinite number from the very well scrubbed CMB sphere.
- Any labeled CMB point may be considered for use in our triangulation calculations and will show results that place our
- Triangulated Earth right next to the Center of our Universe

Conclusion

- Very slow Earth, and related local galaxies, are located right next to the Center/Epicenter of our Universe created by a Dark Energy powered Big Bang Explosion IN SPACE.
- Earth is some 0.2% of the radius away, approximately 60 million light years distant from the Center/Epicenter.
- This changes the age of the Universe to about 28 billion years. Round trip - first matter out took 13.7+Gy [traveling near the speed of light] and CMB radiation return from that position required 13.7Gy at the speed of light = a 27.4+ billion year round trip.

• *References*

- [HUDF09] NASA's Hubble Ultra Deep Field - North
 - <http://hubblesite.org/newscenter/archive/releases/1996/01/text/>
 - <http://hubblesite.org/newscenter/archive/releases/2009/31/image/a/>
 - http://en.wikipedia.org/wiki/Hubble_Ultra_Deep_Field
- [HUD-S] NASA's Hubble Deep Field – South
 - <http://www.stsci.edu/ftp/science/hdfsouth/project.html>
 - http://en.wikipedia.org/wiki/Hubble_Deep_Field_South
- CMB – Cosmic Background Radiation at NASA's MAP/WMAP
 - <http://map.gsfc.nasa.gov/>
 - <http://www.allnewuniverse.com/CMB-physics.pdf>
 - http://en.wikipedia.org/wiki/Wilkinson_Microwave_Anisotropy_Probe
- *Earth* is very slow moving, see supporting data from NASA titled: **CMBR Dipole: Speeding Through the Universe** “The map indicates that the Local Group moves at about 600 kilometers per second [= **0.2% of speed of light**] relative to this primordial radiation. This high speed was initially unexpected and its magnitude is still unexplained.” Repeated 8 times at apod :
 - <http://www.allnewuniverse.com/Section3-Earths-Central-Location.pdf>
 - <http://apod.nasa.gov/apod/ap090906.html>
 - <http://www.allnewuniverse.com/center-of-our-universe.html>
- *Dark Energy* explained with NASA materials at:
 - <http://www.allnewuniverse.com/DemoOfDarkEnergy.pdf>
 - <http://www.allnewuniverse.com/BigBangFuel.ppt>
 - <http://www.allnewuniverse.com/protons-force-field.html>
 - <http://www.allnewuniverse.com/everything-big-bang.html>
 - <http://www.allnewuniverse.com/atoms-power-requirements.html>