## Cosmology Phrases Terminology

Cosmology Phrases		
Phrase	Standard Cosmology	Electric Universe Cosmology
Solar System Rotation	Orbits are around barycenter	Orbits are around barycenter
Spiral Galaxy Core	Black Hole (BH); size ># stars	Z-Pinch of Birkelund Current pair
Elliptical Galaxy Core	BH with very hot accretion disk for X-ray	Plasmoid
Quasar; radiates X-ray to radio	BH with very hot accretion disk for X-ray	Plasmoid
Other X-ray Point Source	BH with very hot accretion disk for X-ray	Plasmoid
Diffused X-ray Source	extremely hot gas for X-ray	Synchrotron Radiation from plasma
Spiral Galaxy Rotation Force	Gravity, Dark Matter (DM)	Galactic Magnetic Field; no DM
Spiral Galaxy Rotation Anomaly	DM	Galactic Magnetic Field; no DM
Spiral Galaxy Arm Structure	Some Matter with much Dark Matter	Electric Current Magnetic Field; No DM
Magnetic Field Measured	Sometimes no defined cause	Electric Current
Star	Gaseous fusion powered Sun	Electric Sun
Pulsar or Neutron Star or Magnetar	Neutron Star	Plasmoid
Wind Beyond Our Atmosphere	particles of some various types	Plasma
Hot or Ionized Gas	Measured high Temperature	Plasma
Moving Hot Gas	Measured high Temperature	Plasma Filament
Intergalatic Structures	Some Matter with much Dark Matter	Plasma Filament; No DM
Galaxy Clusters	Some Matter with much Dark Matter	Electromagnrtic Forces; no DM
Red Shift	Velocity	Red shift Is not velocity of object

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Cosmology Phrases		
Phrase	Standard Cosmology	Electric Universe Cosmology
Very High Red Shift	Universe Expansion	Avoid mistake with red shifts; no expansion
Universe Expansion	Dark Energy (DE)	Avoid mistake with red shifts; no DE
Big Bang	Universe Creation and Expansion	No Big Bang
Universe Extent	Spacetime geometry could be flat, or	sinfinite; no spacetime in EU
High Red Shift Object near lower re	ed Gravitational Lensing (is illusion)	No illusion; view is correct
Distant star light bent by Sun's grav	rit Gravitational Lensing (for bend)	Light diffraction by plasma in solar atmosphere
Rings or arcs in distant galaxy clust	e Gravitational Lensing with dark matte	r No illusion; view is correct; plasma filaments
worm hole	special black hole in spacetime	fiction; worm hole is impossible
multiverse	proposed in QM only to cover all prob	a fiction;is just metaphysics, not valid in physics
Gravitational Wave	Einstein Prediction	No such thing; GW is not valid physics
gravity controls the universe		electromagnetic forces drive >>
		everything electrically charged whch covers >>
		(nearly) everything in the universe
	mass velocity limit at c	no velocity limit other than by the force required

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Standard Cosmology	Electric Universe Cosmology
Black Hole is singularity in spacetime	No BH; BH is mathematical not physical
Black Hole for X-ray source	Plasmoid is plasma enity in torus or donut shape
BH with very hot accretion disk	Synchrotron Radiation generated by electric current >>
	bent by magnetic field; can do radio to X-rays
BH with very hot accretion disk	accretion disk for X-rays is impossible
extremely hot gas for X-rays	X-rays not possible from gas
Galaxy rotates by Gravity, DM	Barycenter is for planets not stars; >>
DM needed whenever gravity fails	no barycenter; no Dark Matter
Gaseous fusion powered Sun	Sun has surface; Sun is not gaseous
	Electric Sun has Liquid Metallic Hydrogen lattice >>
	condensed matter radiates from UV to radio
Neutron Star (NS)	NS is not physically possible; object is plasmoid
comet tail from ice and dust	asteroid in electric discharge
	plasma is everything with >>
	an electrical charge including ions >>
	and protons and electrons
Any need for Dark Matter	Electromagnetic forces affect stars >>
	so gravity is less important

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Standard Cosmology	Electric Universe Cosmology
Dark Energy	Dark Energy does not exist
Universe Expansion and inflation	No universe expansion or inflation
Active Spiral Galaxy	Some galaxies eject plasmoids
Star creation: huge gas cloud creates>>	gravity alone can't compress matter into spheres; birkelund current pinch
ever larger blobs by accretion	
planet creation:huge gas cloud creates>>	gravity alone cannot compress matter into solid spheres; >>
larger blobs by accretion	birkelund current pinch or ejection
Spacetime geometry shape	spacetime is a math structure not real
Curvature of space	no spacetime; no fabric of space
Wormhole	fiction; no spacetime; no wormhole
multiverse	fiction; no multiverse
	The Electric Universe:
	No Dark Matter No Dark Energy;No Black Holes; No Illusions

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