

# From Noosphere to Knowsphere

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To request a PDF of Our Improbable Universe\*

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\*1<sup>st</sup> Edition 2004, Four Walls Eight Windows, NY,NY.

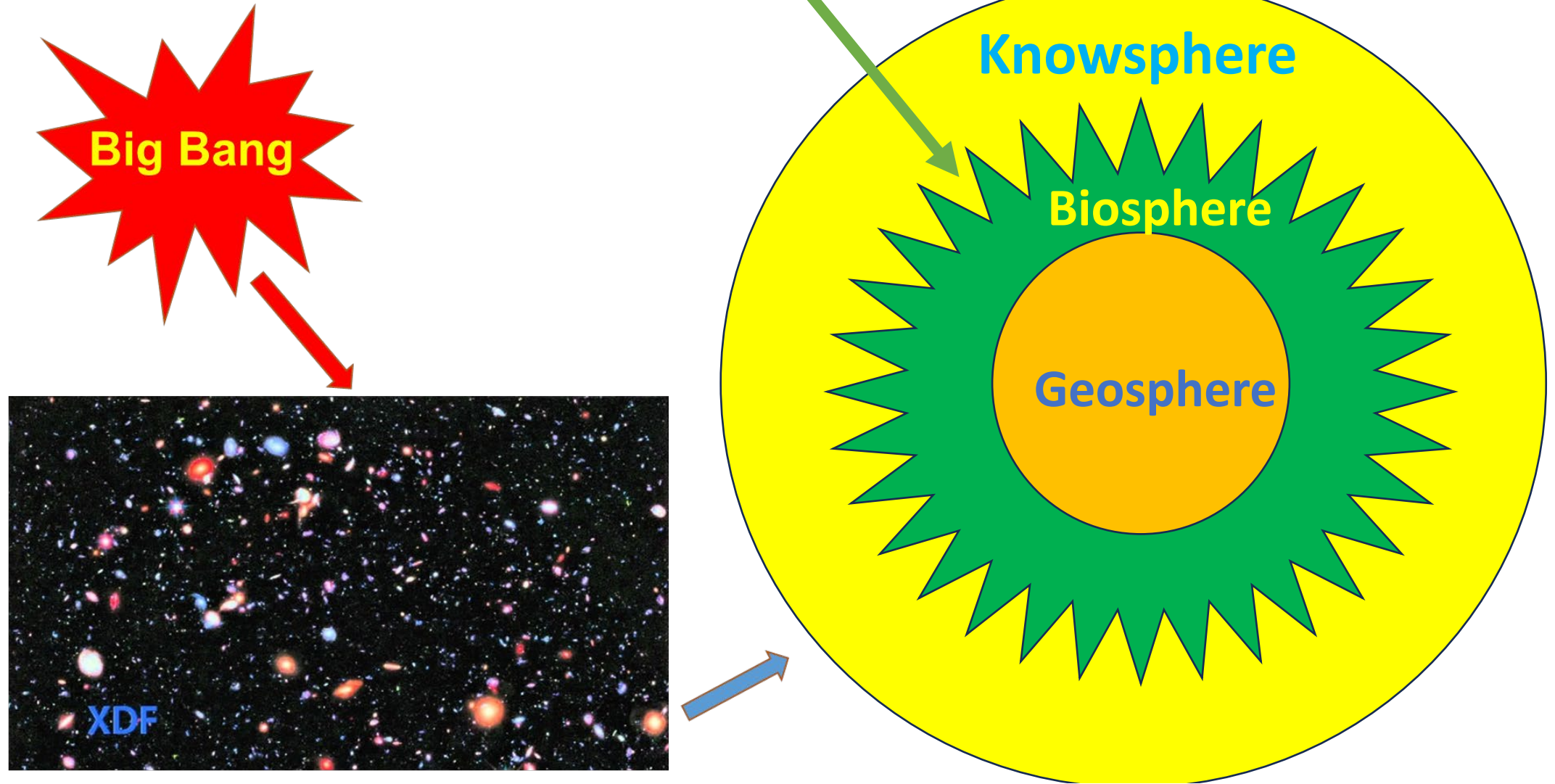
2d Edition 2017, available from Amazon and pdf

One hour Zoom presentation at <https://youtu.be/7UfaMrnwe08>

# The Big Bang Energy Evolved into Us



Fuzzy Boundary >200 Million Years Ago



**The Energy of the Big Bang evolved into our Knowsphere**

# Evolution of Our Collectivity of Mind

- Complex atoms from dead stars condensed into our Geosphere
- The DNA base of our Biosphere was mature by 3.5 billion years ago
- Individual minds evolved half a billion years ago
- Learned mental content (Knowsphere) soon followed
  - Observation of others of what works & doesn't work
  - Mimicking others in your flocks, herds, tribes, etc
  - Mothers teaching children
  - Teachers teaching students
  - Scientific theories
  - Economic systems
  - Political systems

**Many animals  
have learned  
behaviors**

- Elephants (communicate, finding food, mothering,...)
- Chimpanzees(comm.,termite stick probes, nut cracking)
- Dolphins(comm.,hunting style, **sponge nose protectors**)



**Bottle Nose  
Dolphins in  
Shark Bay  
Australia, Natural  
History, p12,  
September 2005**



# Knowsphere is more expansive than Noosphere\*

- Our Knowsphere is the collectivity of all human minds
- Knowsphere anglicizes Noosphere\* and flags **significant differences**
- Starts hundreds of millions of years ago vs a few million years ago
- Includes:
  - All forms of communication (i.e all senses and all media)
  - Has a fuzzy boundary with the Biosphere (instincts <--> culture)
  - All learned concepts not just received knowledge (i.e. self taught)
  - Overlaps with the Knowspheres of other animals (i.e. “Totems”)
  - Potential for interstellar Knowspheres
  - **Potential for continuance & evolution for the life of the universe**

\* Vladimir Vernadsky and Pierre Teilhard de Chardin were early advocates

# Some Constituents of the Knowsphere

- All memories, feelings, and thoughts (conscious and unconscious)
- What to eat and how to get it (find it, catch it, grow it, buy it)
- How not to be eaten
- Ways to interact with others (love, hate, collaboration, transactions)
- Skills (you name it)
- Values in life (hundreds of values named and unnamed)
- Sayings, memes, songs, stories ...
- Rules of behavior
- Myths
- Complex entities (religions, corporations, governments, sciences)
- Syntheses of all the above and much more

# Analogies with Phenomena in the Biosphere

- DNA genes reproduce & evolve and so do entities of the Knowsphere
- Who you are is 20,000 genes and all you have learned, working together
  - These parts of you are ongoing while their sum (i.e. you) cannot reincarnate exactly, people like you will exist in the future
  - The learned part of you evolves and grows throughout your life
  - Sex transmits genes while communication transmits parts of the Knowsphere between people
- Darwin noted similarity of the evolution of languages and species
- Certain combinations of traits are harmonious (yield a coherent whole)
  - They mutually enhance their propagation (i.e. feathers, wings, and how to ride thermals)
  - “Archetypes” (Heroes, Madonna & Child, Sages, Explorers, etc)
  - Sciences and philosophies demand internal consistency of the parts



# Propagations in the Knowsphere

- “Like father, like son” (role modeling)
- “I am part of all I have met” , Ulysses , Tennyson
- In the philosophy of Epictetus (1<sup>st</sup> century Greek)
  - First figure out who you are and what your principles are
  - Then live by your principles and **be an example to others**
- “Be the change you wish to see in the world”, Gandhi
- “Do unto others as you would have others do unto you”
- “What comes around, goes around”
- Be like Christ or Budha or Mohamad or your Totem or...

# Knowing the Knowsphere

- While the Biosphere might be scientifically understood some day (if we don't blow it) , the Knowsphere will not
  - Too complex
  - Too ill defined
  - Evolves too fast
- “The Light” is an observable reality in the Knowsphere but not definable
  - You know it when you see it
  - Profound wisdom is often manifested
  - All are touched
  - And much more
- What aspect of the Knowsphere is important for you?