



# Researches Relevant to Theosophy

Vol. V N° 2

A quarterly publication devoted to the collection of researches in the sciences and humanities that are relevant to theosophical studies.

- \* Anthropology
- \* Archeology
- \* Biology
- \* Chemistry
- \* Earth Sciences
- \* Education
- \* Health & Medicine
- \* History
- \* Philosophy
- \* Physics
- \* Psychology
- \* Religion
- \* Social Sciences
- \* Space Sciences
- \* Technology

## This issue :

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**Atomic Theory in India**

**Clairaudience**

**Life's Building Blocks**

**Ancestry of Humankind**

**Earth's Magnetic Field**

**Dark Energy & Matter**

**Gravity without Mass**

**... and more**



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# Editorial

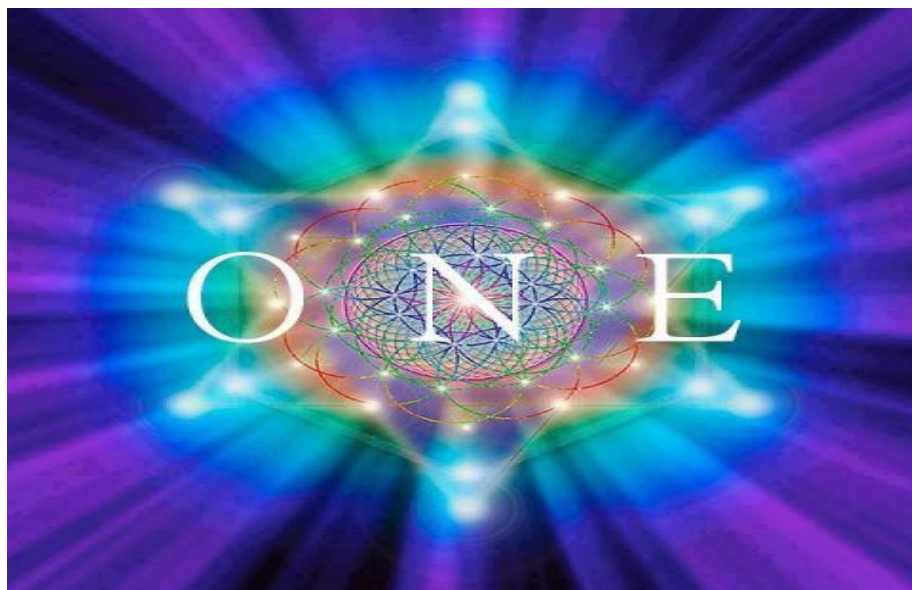
Welcome to this issue of Researches Relevant to Theosophy.

Science Researches and Discoveries are still piling up in all scientific domains. Humans are going back to the Moon and dreaming to fly to Mars. New technology (Artificial Intelligence) promised to create a better world. And at the same time, wars, destruction, human slavery, misery are exploding around the globe.

The materialistic paradigm, which has poisoned humanity for some centuries maybe part of the problem, but the root-cause remains identical : always-more-for-me, craving, egoistic behaviors...

Because REALITY is ONE, Science is one of the means for the discovery of this Oneness. It has the resources and the legitimacy to do it. The scientific discoveries have great impact on our communities' life and scientists can influence the ways societies are evolving.

To evolve toward a more open and encompassing approach, it will require a shift in its paradigm to include the knowledge accumulated for eons by all Traditions of the world and to restore the complete picture of our World.



## Researches Relevant to Theosophy

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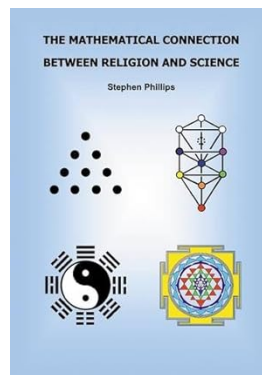
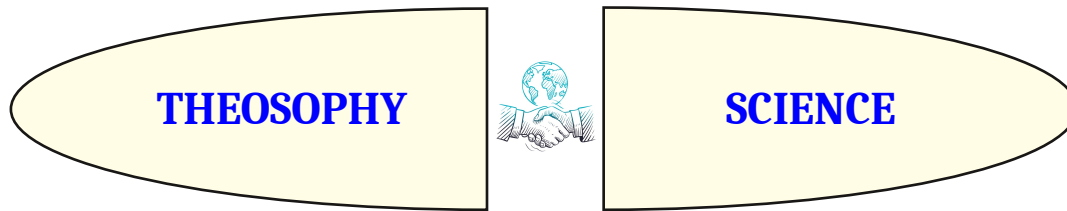
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**Contributions:**

**Contributions to this publication are welcome. Email to the editors the title, date, source and summary of the research report, together with the full citation of the source or sources, whether website, book or article.**

# THE VIEW



## The crisis in physics

For more than fifty years, a crisis has beset physics. On the one hand, Albert Einstein's theory of gravitation - General Relativity - has survived every test of its predictions and is now regarded as the pinnacle of achievement of classical physics. On the other hand, the more thoroughly tested theory of Quantum mechanics has been applied with greater success to numerous branches of physics ranging from particle, nuclear and atomic physics to modern optics, stellar astrophysics and cosmology. The problem is that twentieth century physics is based upon two successful theories that are conceptually incompatible with each other. Whilst General Relativity permits in principle a complete dynamical description of a system of gravitating bodies, in which their velocities and positions can be specified at every instant of time, the famous Heisenberg's Uncertainty Principle in quantum theory prohibits such a description. The exact position and momentum of a particle cannot in principle be known at any instant of time because a measurement on one leads to uncertainty to the value of the other.

Excerpted from Stephen Phillips, *The Mathematical Connection between Religion and Science*, 2009

**Physics****Date : Sept., 2023****Source : Ancient  
Origins**

# The Atomic Theory in India 2,600 years ago



The Pre-Socratic Greek philosophers Democritus (460 – 370 BC) and Leucippus (5th century BC) are well known for their formulation of an atomic theory of the universe.

At the same period of time a similar theory was promoted in India by Acharya Kanad, born in 600 BC. He founded the Vaisheshika school of philosophy, and he proposed that the universe is made of indivisible matter called ANU (atom).

The Occult Chemistry (A. Besant, C.W. Leadbeater) based all the descriptions of the basic chemical elements on the ANU, or ultimate physical atom (UPA).

The third edition, published by C. Jinarajadasa in 1950 described it as « The ANU can scarcely be said to be a « thing », though it is the material out of which all things physical are composed. It is formed by the life-force and vanishes with its ebb. The life-force is known to Theosophists as Fohat, the force of which all the physical plane forces are differentiations. »

*Read the Occult Chemistry :*



*Read the Ancient Origins article :*



*Watch the YouTube Documentary :*



Parapsychology

Date : June, 2022

Source : Science Alert

## When Spirits Speaks : A Scientific Study on Clairaudience



A 2021 research on anomalous sensory experiences – clairaudience (auditory hallucinations), using mediums and members of religious communities, concluded that absorption (a trait linked to one’s tendency to become immersed in experience or thought) is a strongly correlated factor in Spiritualists reporting clairaudience. It also noticed that « For many who report anomalous experiences, belief in the spiritual or paranormal may result from a years-long search for personal meaning ».

Ravi Ravindra wrote in *Science and the Sacred* : « A large number of aphorisms in the Yoga Sutra (3:16-53) describe the knowledg and the powers gained by attending to various objects in the state of samyama. For example, we are told that, through samyama on the sun, one gains insight into the solar system... Similarly, many occult and extraordinary powers (siddhis) accrue to the yogi by bringing the state of samyama to bear upon various aspects of oneself : for example, by samyama on the relation between the ear and space, one acquire the divine ear by which one can hear at a distance or hear extremely subtle and usually inaudible sounds.

Read the Science Alert article :



Read the scientific paper on Nature :



## Cosmology

Date : April, 2021

Source : Science Alert

# Life's Building Blocks are coming from Space



**Analysing carbon-rich meteorites found in Australia (1969), Kentucky (1950) and British Columbia (2000), a team of researchers have identified nucleobases like purines and pyrimidines which were not detected previously in meteorites. These nucleobases participates to the building of the structural backbone of DNA and RNA. Such organics are considered to have play an important rôle in the chemical evolution of the Earth's primordial stage (4 billion years ago). This is another sign of the **Panspermia theory** early last century.**

*Read the Science Alert article :*



*Read the scientific paper on Nature :*



Archeology,  
Anthropology

Date : June, 2022

Source : Science Alert

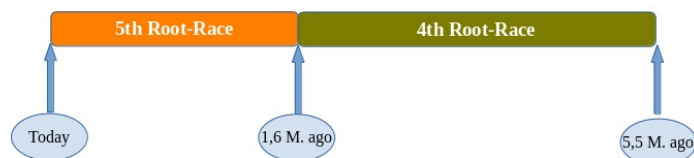
# Ancestry of Humankind maybe a Million Years Older



Researches on ancient hominid remains in South Africa provided with another estimate of the age of the oldest trace of physical human on earth, making it older than the famous Australopithecus afarensis Lucy which was estimated at 3.2 million years. This brings the traces of the « source » of physical human body 1 million years before Lucy, nearly 4 million years ago.

Based on the Secret Doctrine data, corroborated by the Ancient Indian Cosmological Cycles (Surya Siddhanta), 4 million years would corresponds to a period in the middle of the 4th Root-Race.

Maha-Yugas	28th Maha-Yuga				27th Maha-Yuga			
	Kali-Yuga	Dvapara Yuga	Treta Yuga	Krita Yuga	Kali-Yuga	Dvapara Yuga	Treta Yuga	Krita Yuga
Yugas	5 120	864 000	1 296 000	1 728 000	432 000	864 000	1 296 000	1 728 000
Elapsed Time	5 120	869 120	2 165 120	3 893 120	4 325 120	5 189 120	6 485 120	8 213 120



Read the Science Alert article :



Read the scientific paper on PNAS :



**Biology**

**Date : August, 2022**

**Source : Science Alert**

# **Playing GOD : First "Synthetic Embryos" using stem cells**



**Scientists grew “synthetic embryos” from mice cells as a starting point to grow organs from scratch. These “embryos” were similar to normal mouse embryos, and able to grow the beginning of a spine and brain, a digestive track, and a beating heart. Most of them died early in the process. It could be promising for organs transplant without the need for a donor. At the same time, it brings ethical questions because it opens the door towards human embryos generation outside of the natural process.**

*Read the Science Alert article :*



*Read the scientific paper on Cell :*

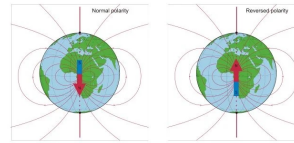


## Earth Sciences

Date : Nov., 2023

Source : Science Alert

## Earth's Magnetic Field Flipping Over ?



The Earth's magnetic field is one component of the body of our Earth. The magnetosphere is there to protect life from hazardous high-energy radiations coming from the Sun. Its global geometry is changing over time. Measurements since 1831 are showing the North Magnetic Pole has moved by about 600 miles, and the speed of migration is accelerating (x3 time). This could indicate the beginning of a field reversal. It usually takes few thousand years to complete.

**The Secret Doctrine gives some clues about these energies circulating from both pôles :**

*“The agitation of the Fohatic Forces at the two cold ends [North and South Poles] of the Earth which resulted in a multicolored radiance at night, have in them several of the properties of Akasha (Ether) color and sound as well... The two poles are said to be the storehouses, the receptacles and liberators, at the same time, of Cosmic and terrestrial vitality...” (B. de Zirkoff Edition, Vol. I, p. 205).*

**In Vol. II, p.400, a quote from the “commentaries” says that** *“For it is in the belt of man’s dwelling [the earth] that lies concealed the life and health of all that lives and breathes.”*

*And a note adds : “Occult teaching corroborates the popular tradition which asserts the existence of a fountain of life in the bowels of the earth and in the North Pole. It is the blood of the earth, the electromagnetic current, which circulates through all arteries, and which is said to be found stored in the “navel” of the earth.”*

Read the Science Alert article :



Read the scientific paper on The Conversation :



Watch the Earth's Magnetic Field on YouTube :



Biology, Psychology

Date : Nov., 2023

Source : PHYS.ORG

## The Miraculous Effect of Music



Music brings people together. Materialistic Science explains it as a factor in human groups evolution, an advantage for survival. This theory is supported by a research published by the Cambridge University in 2020.

A doctoral thesis from the University of Oslo investigate further with live experiments showing that the musicians' heartbeat synchronized as they played. The audience is also synchronizing at certain moments.

How do we perceive music ? *The Voice of the Silence* says : "Before the Soul can see, the harmony within must be attained", and *Light on the Path* : "Before the ear can hear it must have lost its sensitiveness." Music teaches that, instead of separateness, one can cultivate Unity, because every human can produce but a part in the great Symphony of human life. Never will physical ear hear the beauty of that highest expression of soul-life, unless human rises to the point where spiritual life opens its portals for him and touches the soul with the magic wand which awakens at once the spiritual senses, so that : "The seventh [sound] swallows all other sounds" (*The Voice of the Silence*).

Read the *PHYS.ORG* article :



Read the Cambridge University article :



Read the Sage Journal article :

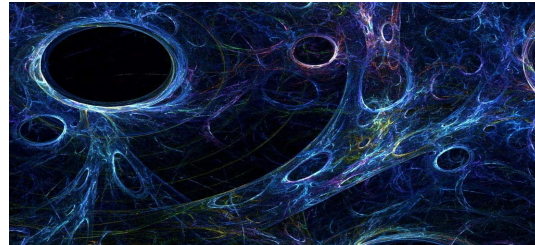


Physics

Date : May., 2022

Source : ResearchGate

## Dark Energy & Matter



**We are the Dark Energy and Matter, says Octavio Baez. He is proposing** *“study and development of a line of thought conducive to establishing that the known universe, including us, is really “dark” matter and energy, and that what has so far only knowable by human mind is true “white” matter and energy.”*

**And he proposes the following paradigm shift :** *“If we accept that we are part of a broader “reality”, then we can begin to think that we can explain what we have all seen since the early days of our existence, that we are not alone, that part of us belongs to another “area”, or in other words, that our soul and therefore our conscience is not from this “world that is said to be real” but is an integral part of a “reality” that we can know precisely by using the mental weapons that we have.”*

Read the ResearchGate article :

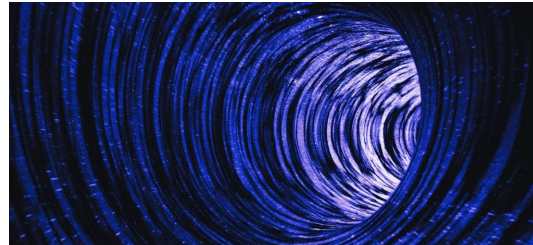


Physics

Date : June, 2024

Source : Science Alert

# Gravity without Mass ?



**Dark Matter has still not being identified in the visible cosmos. Since observation of abnormal celestial movements in the Coma Cluster (Fritz Zwicky, 1933), many projects have been developed to identify and measure it. Most advanced one is buried 6,800 feet below Texas surface, with an inner temperatue (thousandths of a degree above absolute zero) 1,000 time colder than outer space.**

**But, still, no detection. An astrophysicist is proposing a new hypothesis which could explain theoretically that gravity can be generated without any underlying mass.**

*Read the Science Alert article :*



*Read the Oxford Academic article :*



*Read the Texas University article :*





**SVPwiki (Sympathetic Vibratory Physics)** : A web site dedicated to "Bridging Science and Spirituality" with one foci around the discoveries of John Ernst Worrell Keely (1827-1898)

**The Galileo Commision** : A project aiming toward "an Expanded Science beyond a Materialistic Worldview". *The first Report* was published in 2019. Here are the latest released videos :

- **Prof. Bernard Carr** - *How Physics can Include Spirit & Consciousness*
- **Prof. Bernard Carr** - *How Information may be prior to Energy*
- **Dr. Jeff Dunne** - *The Physics of Consciousness & the Hidden Nature of Reality*