

# **Matter is an Energy Container Composed of Microvita**

Richard Gauthier  
Santa Rosa Junior College  
Santa Rosa, California

## **Abstract**

In “Microvita and Cosmology” P. R. Sarkar proposed that matter is the container of energy and not energy itself. The present author proposes that the material containers of energy are composed of microvita—sub-atomic living entities proposed by Sarkar that give form to energy and create matter and minds. These hypotheses may shed new light on the relationship of matter to energy, and may lead to the discovery of a new formative force of nature—microvita.

Key words: cosmology, energy, matter, form, life, mind, consciousness, microvita

## **Introduction**

Eastern introversial philosophy has traditionally focused on the experiential understanding of mind and consciousness. Western extroversial science has focused on the observational and experimental understanding of matter and energy and their various expressions. Now there is a new hypothesis about matter and energy that may bring together Eastern philosophy and Western science.

In 1986, P. R. Sarkar (1) first introduced the concept of microvita – subtle sub-atomic living entities responsible for originating and spreading life in the universe and maintaining balance in different areas of life. Readers may learn more about microvita from references (1-4). As well as describing microvita, Sarkar introduced what he called “a new line of thinking—a new philosophical approach” which integrates relations between the formative principles of matter and energy. He summarized this new approach in a discourse “Microvita and Cosmology”, which is included at the end of this article.

## **Matter is the Container of Energy, not Energy Itself**

This “new line of thinking”, though focused on general hierarchial relationships between matter and energy, touches all areas of science and life. Below, two passages from “Microvita and Cosmology” specifically relate matter to the formation and containment of energy, and will be briefly explored here. By looking at the relationships between matter and energy in the light of Sarkar’s “new line of thinking”, new scientific understandings about the nature of matter and energy, as well as the evolution of life and minds, may emerge.

1. “By splitting up the atom immense energy is released. This is due to the fact that the energy which is packaged up in matter comes out. To claim that energy is obtained due to the destruction of matter is theoretical and not physically proven. In fact, the energy comes out from within the store of the atom. Energy always requires a material shelter – a container. After the destruction of the container, the immense released energy moves very fast with tremendous speed in all directions in search of some or other material shelter. Finally, it finds a way in some country, in some human physical body, in structures and other material objects scattered around, or in the ocean, etc.”
  
2. Microvita are the “Doing principle or supra-mundane seed of the actional principle, ready for being sprouted. Microvita (are) of different characters, either of positive or negative nature, collectively maintaining the balance of the actional universe, creating initial forms of carbon atoms that help macro- and micro-propensities in having their pure physical auxiliary media with mass and wonts.”

In the first passage, which does not directly mention microvita, Sarkar proposes that matter is a container for energy, and not energy itself. Energy is “packaged-up” in matter. Matter is not converted into energy in atomic explosions, but can release its contained energy through the destruction of its material container. In the second passage Sarkar proposes that microvita create the “initial forms of carbon atoms”, and provide atoms with their masses and other characteristics (“wonts”).

Based on these two passages, I propose that microvita compose the material containers of energy called matter. The amount and nature of the energy stored in different elementary particles and atoms is determined by the nature of their microvita-composed containers. These microvita-composed containers store energy to form atoms and sub-atomic particles with their various properties. It is the microvita-composed containers and not the energy contained that gives the elementary particles and atoms their properties such as mass and shape.

## **The Physical Force That Contains an Electron’s Energy**

In the theoretical physics research (5-8) that evolved from my microvita studies, I calculated that a 0.424 Newton central force would be required to contain the energy of a single electron. This force is derived from my model of the electron as composed of a helically-circulating double-looping spin-1/2 charged photon (See reference 5 p. 8 for this calculation.) Using this model of the electron, I derived a resting electron’s inertial mass  $m = E_o / c^2$  using Newton’s second law of motion  $F = ma$  applied to the circulating momentum  $E_o / c$  of the circulating charged photon of energy

$E_o = 0.511 \text{ MeV}$  (million electron volts) composing the electron, and  $c = 3.00 \times 10^8 \text{ m/s}$  is the speed of light. There is currently no known physical law that can explain the large magnitude of this force acting within a single electron to maintain its stability. A microvita-composed container of the electron’s energy may be the source of this force.

## **“Microvita and Cosmology”**

Sarkar’s full discourse “Microvita and Cosmology” is given below to provide context for the above discussion as well as to suggest further areas of scientific and intuitional research. It is from the collection of his discourses “Microvitum in a Nutshell” (1). I encourage interested people to look into these discourses, as well as other articles about microvita, to see what scientific and practical insights into the nature of matter, energy, life, mind and society they may derive from this material. Sarkar’s discourses were given to groups who were familiar with some of the terms from yoga philosophy used in these discourses. It may be necessary for the reader to look up the meaning of some words. For example, “sádhaná” means meditation or effort for deeper intuitional realizations. Several expressions related to Sarkar’s “new line of thinking” are also given new, non-traditional meanings here. The two passages above from the article are highlighted in the text below.

“In human beings and other animals, some propensity or other is either activated or slowed down by the impact of different inferences at various stages. Though this is not an easy subject, the impact that the inferences have at various stages on the body, mind, propensities, mass, hormones, etc. must be studied. We have to study the impact of inferences on the human body, the human mind and human psycho-spirituality.

The inferences of sound, touch, form, taste and smell all operate on different planes and their effects are also different. “Doer I” or Kṛta Puruṣa is the concentrated form of positive and negative microvita in the universal arena, maintaining equilibrium – functioning in the arena of the universe. Positive microvita are utilized for physico-psycho-spiritual practice. Energy is “knower I” or Jñā Puruṣa, plus and minus the microvita passing through the universe. Sádhaná is not possible without taking proper food because the vital energy one derives from food is a transformed form of other energies. Only positive and negative microvita will not do – vital energy is also required.

Microvita come from outer space, from the extended universe and the universal planes, through sound and other inferences. Sound and other inferences have various planes, stages and phases. Microvita pass through the different phases of these inferences. Positive microvita are concerned with energy or the psychic realm and negative microvita are concerned with the physical body because the physical body contains inferences, that is, matter. Matter is clearly associated with inferences – the original planes of inferences or the reflected or refracted planes of inferences. For example, mind receives the odor of a rose flower, but in the microcosmic plane of odor. This odor encourages certain propensities and discourages others. The mind certainly runs towards propensities, but one cannot achieve success by suppressing the propensities because more energy will be consumed in this effort. One has to divert the propensities by learning the art of pratyáhára.

Now, the question is, How do positive and negative microvita maintain both equilibrium and equipoise in the universal strata – in the physical, physico-psychic, psychic and psycho-spiritual realms?

Microvita have nothing to do directly with the spiritual stratum. Positive microvita equal negative microvita – that is, the sum total of positive microvita equals the sum total of negative microvita. This is so in the entire macrocosm and in individual microcosmic structures. If there is over-utilization of positive microvita during psychic and psycho-spiritual practices, then there will be a shortage of positive microvita for balancing the negative microvita in the physical and physico-psychic strata, because the sum total of positive and negative microvita must balance each other. Thus, human beings should utilize their strength in all the strata. In the physical strata, utilize the immense power of negative microvita, otherwise the surplus of the negative microvita will become very strong due to accumulation. Good people should not go to the Himalayan caves. Rather, remaining in society, they should serve the society in the physical and physico-psychic strata with the help of negative microvita, and in the psychic and psycho-spiritual strata with the help of positive microvita. If good people neglect the use of negative microvita in the physical stratum, catastrophes are sure to come. Everything will be in pell mell order.

1) Supreme Universal Entity (Nirvishēśa).

(The Supreme Cognitive Principle and the Supreme Cognitive Creative Faculty +/- maintaining universal equilibrium and equipoise).

2) Supreme Attributional Principle (Savisheśa).

	<b>Subjective</b>	<b>Objective</b>
<b>A</b>	Knowing principle or supra-mundane knowledge. (Expressed energies of different characters – indestructible, interchangeable and inter-transmutable.)	Planes of microcosmic and Macrocosmic propensities. (Different strata of mind: conscious, subconscious, physico-psychic, psycho-physical and psycho-spiritual.)
<b>B</b>	<b>Doing principle or supra-mundane seed of the actional principle, ready for being sprouted. (Microvita of different characters, either of positive or negative nature, collectively maintaining the balance of the actional universe, creating initial forms of carbon atoms that help macro- and micro-propensities in having their pure physical auxiliary media with mass and wonts.)</b>	Planes of universal Macrocosmic inferences and their reflected or refracted inferences. (Planes of inferences which are being activated, accelerated and stimulated by (A) subjective.)

(A) subjective relates to and controls (B) objective and (B) subjective relates to and controls (A) objective.

(A) subjective is the field of psycho-spiritual laboratory research and (B) objective is the field of external laboratory research. In the case of (A) subjective, results cannot

come within external laboratory tests.

This is a new line of thinking – a new philosophical approach. Here “knower I” or “doer I” are not necessarily the mahat, aham or citta of philosophy. It is a new school of philosophical thought – it has no connection with mahat, aham and citta. New Saṁskṛta terms will have to be created:

“Knower ‘I’” is Jñā Puruṣa

“Doer ‘I’” is Kṛta Puruṣa

“Abstract” is Bhāvastha

“Non-attributional” is Nirviśeṣa

“Attributional” is Savīśeṣa

Positive and negative microvita maintain equilibrium in the (B) subjective chamber of the Supreme Attributional Principle. That is why during the bifurcation, the unitary strength remains the same – the subjective and objective having equal value in strength during the phase of reduction.

There should not be negative use of negative microvita and there must not be negative use of positive microvita. You should always be positive. In the physical sciences, there are immense possibilities for the positive use of negative microvita. Positive and negative microvita are both necessary for balance. Due to the excessive use of positive microvita, it will become difficult to control and balance the negative microvita in the physical and physico-psychic strata because there will be a shortage of positive microvita. You must not run after occult powers.

In communist and capitalist countries, there is plenty of unutilized positive microvita because of the excessive use of negative microvita in the physical and physico-psychic strata in the society. That is why there is the problem of immorality etc. there. There must be full utilization of the accumulated excess positive microvita through sādhanā, service, etc. to solve this problem.

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When the original inferences come in contact with the plane of the universe, they are either reflected or refracted. The unit cannot have the original inference. It has to depend upon and surrender to the Cosmic Reflecting Entity. This is psycho-spiritual practice in the last phase.

There are 51 propensities in men. Positive microvita elevate the upgrading propensities, but the field of activity for negative microvita is the Manipur Cakra and below. Suppose the application of negative microvita in the region just below the Manipur Cakra helps to cure the fear complex in a sádha. At the same time it may also provide courage. But negative microvita can also do harm to others.

If one uses positive microvita in the physical and physico-psychic strata as in the case of Avidyá Tántrikas, it will create imbalance affecting spiritual growth. By excessive use of positive microvita, balance will again be lost.”

## Conclusion

A “new line of thinking” about the relation of matter to energy was proposed by P.R. Sarkar, based on his concept of microvita as subtle, sub-atomic living entities spreading life in the universe. He proposed that the matter of physical objects is the container of energy rather than the energy itself. The author proposes that this container is composed of microvita. Microvita then give material objects their physical properties such as mass and other characteristics. The author’s theoretical modeling of the electron requires a large force (for a single electron) to contain the electron’s energy. This large force cannot currently be explained by conventional physical forces. The source of this large force may be the electron’s energy-container composed of microvita. Therefore microvita could be a new formative force in physics.

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Contact: [richgauthier@gmail.com](mailto:richgauthier@gmail.com)

Department of Chemistry and Physics  
Santa Rosa Junior College  
1501 Mendocino Ave.  
Santa Rosa, CA 95401

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