

The most Cvilized and Intelligent Method to Extract Nuclear Energy

Rearranging and controlling atoms for sustainable and peaceful development.

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We all know that western society has reached the present stage of development and standard of living for two basic reasons:

- 1- The separation of church and science and the spread of science culture.
- 2- The free flow of ideas and thoughts, especially ideas that are based on experimental science.

However, even though the church is still independent from the affairs of public institutions, a new religious institute of the western society has emerged, replacing religious institutes of the middle ages and the time of Galileo. The basic principles that guide this new institute are money and political power. Sadly, this new religious institute is emerging at a time when our world is at crossroads and in a desperate need for the free movement of scientific ideas that can solve the most severe problems facing us today.

In our time scientists can generally be divided into two main groups. One group of scientists have developed blindness for accepting unusual results, no matter how much experimental evidence you provide them. This is mainly due to an excessive faith in invalid paradigms. Those types of conservative scientists are identical to religious figures.

The other type of scientists is the dishonest ones, who care mainly about their prestige and administrative positions in academic and research institutes.- “scientists can be surprisingly unscientific when threatened with new ideas that challenge their funding, stature and careers”. This group, however, is the leading group and they constitute the most serious threat to scientific progress and human development. This type of scientists, nevertheless, serves science to the greatest extent, but only as long as it does not threaten the present economic and social order, including the prestige of certain scientists.

“The search for the truth and discovery is neither the exclusive, nor even the primary objective of the leading western institutions of science. Rather, western science has embarked on its own era of “Lysenkoism”, its most important role being to implement the

will of an anti-democratic elite intent on applying every means to business of social control and the globalization of crony-monopoly capitalism.”

As C.S. Lewis stated, the seeds of western science’s demise have existed from the outset:

“If we compare the chief trumpeter of the new era (Bacon) with Marlowe’s Faustus, the similarity is striking. You will read in some critics that Faustus has a thirst for knowledge. In reality he hardly mentions it. It is not truth he wants from the devils, but gold and guns and girls. In the same spirit, Bacon condemns those who value knowledge as an end in itself...The true object is to extend man’s power to the performance of all things possible. He rejects magic because it does not work, but his goal is that of the magician....” (The Abolition of Man)

Looking at the present global situation it is very obvious that the energy issue is the mother of all our crisis from economic, political, social and environmental points of views. People around the world are becoming increasingly aware of the dangers and the depletion of fossil fuels, not to mention the reality of global warming, and those same people also believe that the scientific community is guided by moral obligations and their main concerns are the advancement of science and the peaceful development of the planet. However, this is a misconception. We are now eyewitnesses to the end, or at least the beginning of the end, of the age of western science.

In fact the present economic crisis and the disintegration of the economic and financial institutions, specially in the western world, which is severely effecting developing nations, are just two of the symptoms of a deeper and more fundamental crisis, namely the vanishing of moral ethics and the lack of applying scientific principles and supervisions in the economic sphere. Therefore, we should not be surprised about the continuous collapse of the world economy, because the underlying reason is the collapse of the culture of western science.

Since this article is dealing with the energy issue, we have a real example that demonstrates the above arguments: the field of condensed matter nuclear science. The stance of western governments and the scientific establishment on this important field, which is mainly known as cold fusion or low energy nuclear reaction LENR and which I prefer to call low temperature nuclear fusion, is not even wrong, it is completely shocking. In leading western journals there is no discussion of the ethics and legality of various government agencies that hide and continue to hide important experimental results related to this clean new energy source. In fact all leading journals and magazines like science magazine and nature played and continue to play a major role as negative actors in this field. Not to mention publishing any research material about it. I wonder how can they explain their stance after the recent development and how they will explain it when (not if) India and China commercialize this energy source. They would probably provide the same explanations as in the case of superconductivity or (disappearance of electrical resistance at very low temperatures). When it was first proposed, it was angrily dismissed by the absolute majority of mainstream scientists in the field, who considered it pseudoscience and well known scientific journals

refused to publish any research about it. We are now all familiar with the magnetic resonance imaging and with magnetic levitation transport.

It is now fair to say that the declaration of the death of low energy nuclear reaction by the late John Maddox, boss of Nature magazine and his prediction that it would remain dead for a long time was premature and politically motivated. The hostility to this energy source is purely based on economic reasons. It would cause a shockwave in the world's energy market since it would render all other energy sources obsolete.

We have a realistic possibility, if there is a political will, to develop an energy source in the very near future that can best be described as the dream of the wildest energy dream. The reasons are self-explanatory:

1-It can be easily and rapidly developed by all the countries of the world (developed and developing countries)

2-Compact and portable energy devices can be developed that are efficient and cost-effective

3-This new energy source is not only 100% environment-friendly but also uses less resources and tiny space compared to all other renewable energy sources.

4-It can lead to the development of very efficient and clean transportation systems.

5- It can lead to the development of a new generation of spacecraft with safe nuclear propulsion system for deep space exploration.

An efficient low temperature nuclear fusion, however, requires a higher temperature than what most cold fusion researchers believe, but not as high as that in the hot fusion. It also requires the development of new hybrid nanostructured material and proper activation or stimulation systems.

This source of energy would be the most civilized and intelligent method to extract nuclear energy. Its development will mark the start of new era; the era of rearranging and controlling atoms for sustainable and peaceful development.



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