A 100 Year Task That Involve Seven Impossible Task

Miguel A. Sanchez-Rey

Seven Impossible Tasks were set in the groundbreaking textbook, *The Physicalist Program* that laid the bases for a century-long task to complete The Grand Unification Scheme that will concurrently ignite and take advantage of the terraformic process. Since then the physical sciences have undergone significant progress in high-energy physics and mathematical physics. There has been advances in different specialized fields such as quantum computers, solid-state physics, supersymmetry, super-quantum cosmology, and etc. Here one delves on the primary advances that has significance to PHPR [The Physicalist Program].

It's discerned that the planet is undergoing an energy crisis that coincides with a climate crisis. To forestall this crisis requires a new energy-source. One that is clean and efficient. That can produce enough energy to power the planet and one in which the byproducts of such energy-source won't do any further damage to the Earth's climate. As well such energy-source must keep up with rising population growth and advances in high-tech. The only clean-energy source capable of meeting those demands is understood as the International Thermonuclear Experimental Reactor [ITER], in France, that aims to impart energy that is equivalent to the amount of energy produce by the sun.

Clean and efficient that no lasting damage will be done to the environment, or the Earth's climate, and in which environmental recovery begins to take form at a global scale.

That is by fusing hydrogen atoms utilizing a unique design of state-of-art lasers, and by resolving the problem of confinement, ITER finally achieves, at a large-scale, a nuclear fusion reaction.

But clean-energy comes at a heavy price: mineral depletion. More energy output from ITER means higher economic growth. Hence higher industrialization and manufacturing but less inflation. That is at a certain point minerals become scarce. With rising mineral scarcity comes rising food-scarcity due to an agricultural deterioration in the use of soil and other resources needed to sustain agriculture. As well higher-prices on goods and services due to dwindling manufacturing productivity cause by a scarcity in needed minerals to produce electronics, shoes or other essential items to sustain a global economy. Where regional territorial conflict and displacement becomes more ominous and deadly.

In that manner one undergoes a domino effect that eventually leads to a planetary decline consistent with a rotting planet -- a dead planet.

PHPR establish The First Task as a resolution to a foreseeable catastrophic scenario in the Scientific Age in the form of a task. The First Task has been set as the resolution to mineral depletion. That is to ignite a terraformic reaction, and to take advantage of the terraformic process, by simultaneously completing and utilizing The Grand Unification Scheme.

Seven Impossible Tasks has been install that aim to organize PHPR's endeavor in completing The First Task. 60 percent of The First Task must be completed within the 40-year time frame and 40 percent must be completed within the next 60-year time frame which means a 100 Year Task has been set. After the 40-year window of opportunity ITER will begin to be mass-produce in which global industrial development begins to rapidly accelerate and in which a global economic, and environmental decline, starts to slowly manifest. Allowing a 60-year time frame to carefully reach completion of The First Task. Gaining access to metaspace approximately 20-years after ITER goes online.

There has been ongoing controversy about the 1st impossible task. That is dark matter and supersymmetry. It's known that current particle physics experiments has produce little if not no tangible evidence of dark matter. Implying that dark matter doesn't exist or that current knowledge of dark matter may have to be modified.

It's expected that the hierarchy problem will be abandoned in favor of metaspace. Then experimentally proving the existence of dark matter faces a significant obstacle -- as hierarchy is essential for dark matters existence. If SUSY-like physics resides in metaspace then one's notion of dark matter will change. But is dark matter essential for completing The First Task?

Dark matter exists as WIMPS that weakly interact with ordinary matter and since inducing a terraformic reaction aims to control matter at the quantum scale then one can drop dark matter even if whether or not significant modifications are to be made. That said supersymmetry still resides as SUSY-like physics in metaspace.

Accounting for all 121 variant [of stringy]'s, stipulated by the TrH Theorem, as originally proposed, is now an attempt to gain access to metaspace. Whereby computational control and SUPREME has undergone advances of their own. SUPREME is of utmost importance and in which progress in SUPREME has been exhausted. That is to indefinitely sustain the terraformic process means enforcing Incalcubility, which naturally integrates with computational control, and as a dynamical property of SUPREME, it will also be use, along with computational control, to harness metaspace that eventually, with prime factorization, leads to controlling and manipulating the terraformic process through completion of The Grand Unification Scheme.

Casting doubt on the AdS/CFT correspondence whereby a limitless measure has been applied to control holography.

The completion of The Grand Unification Scheme becomes of imperative importance and in which miniscule revisions can be made as one arrives closer to completing The First Task:

A 100 Year Task That Involve Seven Impossible Task

1st Task: SUSY and ITER.

2nd Task: Simplification of the Physics.

3rd Task: Metamorphic space.

4st Task: The mathematics will change since computation and probability has been eliminated.

5st Task: Computational Control and Incalculability.

6st Task: Holography toward the Grand Unification Scheme; you can make revisions.

7st Task: You can only make miniscule revisions.

Where simplification of the physics is to continue by imposing Logical Form [LF].

In which one dares not get carried away by prime factorization.