

## TF-IEG Update #2<sup>1</sup>

5/26/09

I've received a substantial new 30 page paper from Garvin McCurdy: "Informational Implications of Harold Burr's Electro-Dynamic Fields."<sup>2</sup> I feel this is another significant contribution to our discussion and encourage interested members to give it a careful look—Garvin gives a nice summary at the very beginning via a two page abstract.

Little else has come in by way of news since Update #1 from the still small TF-IEG membership (15 as of today), and so I'll focus here on developments that have come to my attention in the course of my own ongoing research and writing.

In this update:

- In case you missed Update #1, I've posted it [here](#).
- [Reflections](#) on the implications of member Charles Shang's model of acupuncture.
- [Report](#) of a brief chat with Nobelist Sheldon Glashow re time scales and some potential implications.
- Draft paper I worked on all winter—"A Scientific Map for Subtle Energies."
- Bernard d'Espagnat wins 2009 Templeton Prize—acceptance statement by the last of the grand old men of QM is beautiful, imho.<sup>3</sup>
- First Foundational Questions Institute essay contest—on the nature of time—attracted all the top physics folks.<sup>4</sup>

### Reflections on the Shang model of how acupuncture works

Reading Dr. Shang's paper<sup>5</sup> has provoked several rounds of consideration at our house, one regarding the sino atrial node as a possible master growth control center, another regarding possible insight into the mechanisms behind EFT (Emotional Freedom Technique) and other types of intervention that may be working via non-traditional means of interacting with the acupuncture system, and a third regarding one of the many forms of neurofeedback that my wife and I have worked with—the LENS method. I've written up some thoughts on these points and posted them [here](#).

### Conversation with Sheldon Glashow

Browsing in a used book store in Berkeley last Fall I ran across the Cosmic Uroboros. Originally conceived and sketched in the early '80s by 1979 Physics Nobelist Sheldon Glashow, it was reproduced and updated in the marvelous tour of modern scientific cosmology published in 2006 by dark matter theorist Joel Primack and his artist wife Nancy Abrams (P&A)—**View from the Center of the Universe: Discovering Our Extraordinary Place in the Cosmos**. In early March, I had a most interesting phone conversation with Sheldon Glashow himself. You can see P&A's updated color version of the Cosmic Uroboros and read about my conversation with Glashow [here](#). I've since come more and more to appreciate that my SummaTime Scale actually describes a new kind of scientific cosmology that

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<sup>2</sup> <http://homepage.mac.com/WebObjects/FileSharing.woa/wa/MitTotal.pdf.pdf-zip.zip?a=downloadFile&user=infohand&path=Sites/ScienceSide/MitTotal.pdf>

<sup>3</sup> [http://www.templetonprize.org/pdfs/2009\\_prize/E\\_Statement.pdf](http://www.templetonprize.org/pdfs/2009_prize/E_Statement.pdf)

<sup>4</sup> <http://www.fqxi.org/community/forum/topic/426>

<sup>5</sup> <http://ecam.oxfordjournals.org/cgi/content/full/nem122v1>

conventional scientists have not just overlooked, but actively shunned because of its feared “anthropomorphism.” The net result, a whole new way of approaching my own Yoga Science Project and hence...

### **My current work in progress—How The SummaTime Scale Defines Subtle Energies *and* an Observer-Centered Cosmology.**

Late in 2007 I wrote “[Putting Subtle Energies on the Scientific Map.](#)” This became the handout for the public debut of my Yoga Science Project at last year’s ISSSEEM: EIH-1—“Towards a Comprehensive Theoretical Framework for ISSSEEM.” I was subsequently encouraged to write this up for submission to Subtle Energies and Energy Medicine Journal and to that end last winter I did a total rewrite, gave it the new title “[A Scientific Map for Subtle Energies,](#)” and hired a professional editor. In the meantime, however, I had the whole consideration about and conversation with Sheldon Glashow that ended up convincing me that there was a much more elegant way to present my SummaTime Scale and its implications for our understanding of subtle energies. I’m working on that now. For a very quick preview, take a look at “[Inside-Out Revolution: Humanity Awakening](#)”—a blog post from a few days ago.

### **Bernard d’Espagnat Wins the 2009 Templeton Prize**

You’ve heard about “quantum non-locality?” D’Espagnat has been a key player in this still underappreciated scientific revolution. You can watch a webcast of the entire one hour press conference at the March 16<sup>th</sup> announcement of the Prize that includes his short acceptance speech.<sup>6</sup> Or, as I did, you may find it much easier to read the translated transcript of his speech—in only four pages he summarizes his reading of the implications of the now unequivocal evidence for quantum non-locality regarding our spiritual nature that led to his winning the prize.<sup>7</sup> It is well worth the modest effort involved in working through his somewhat Gallic prose style. In addition, there are three very nice short video clips in English on the front page<sup>8</sup>— scroll down to “Big Questions.”

### **In other news from the Templeton Foundation—Latest Thinking on the Nature of Time by top Physicists**

Back in 2005, with seed funding from Templeton, two brilliant young physicists, Max Tegmark and Anthony Aguirre formed the Foundational Questions Institute (FXQi)<sup>9</sup> with a mission: “To catalyze, support, and disseminate research on questions at the foundations of physics and cosmology, particularly new frontiers and innovative ideas integral to a deep understanding of reality, but unlikely to be supported by conventional funding sources.” Although membership is by invitation only, they have attracted many of the top names in the field. Winners of an essay contest (limited to 10 pages) they sponsored last year on the nature of time were announced on March 9.<sup>10</sup> The contest attracted the winning submission from my personal favorite theorist Julian Barbour, author of **The End of Time**. His essay “The Nature of Time” is pure gold. Another favorite of mine, Carlo Rovelli, got the most votes from the FXQi community. His essay “Forget Time” is considerably more technical. The other two winning essays offer fascinating and different views. Here you will find reflected what is, I suspect, some the latest cutting-edge thinking about the nature of time.

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<sup>6</sup> [http://www.templetonprize.org/video/2009\\_Templeton\\_Prize/index\\_english.html](http://www.templetonprize.org/video/2009_Templeton_Prize/index_english.html)

<sup>7</sup> [http://www.templetonprize.org/pdfs/2009\\_prize/E\\_Statement.pdf](http://www.templetonprize.org/pdfs/2009_prize/E_Statement.pdf)

<sup>8</sup> <http://www.templetonprize.org/>

<sup>9</sup> <http://www.fqxi.org/>

<sup>10</sup> <http://www.fqxi.org/community/forum/topic/426>

Hope to be seeing many of you at ISSSEEM next month. In the meantime, best wishes to all,

Scott

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