

Sunday, May 30, 2010

High respected Luis Alvarez-Gaume,

To me the restart of the LHC is a great achievement!

Certainly the fact that all equipment is about 300 K below the creation temperature and all different materials with different contraction coefficients still work all together in this magnificent project at temperatures below 3.6 K! But to me the main question is, when does anyone understand its own reality!?!

I studied physics at the universities of Delft and Leiden in the Netherlands from August 1986 up to November 1989.

During these studies I was really impressed by the life of Albert Einstein and what he all concluded in his theories of relativity! The only problem of Albert was the idea of so-called "elementary particles" and in 1951 he still concluded that no physician on this earth really understood why all phenomena in our world should be solved mathematically with elementary particles. Einstein's G(eneral) R(elativity) is completely analyzed with continuous mass and charge distributions, i.e. without QM!

And this was my most frustrating part of my studies in theoretical physics during my studies at Instituut Lorentz of the RuL, i.e. State university of Leiden.

It took me almost eight complete years of reanalysis of physics, before I could really say that I understood our (and any other possible) universe completely! And from a complete relativistic symmetries analysis it finally appeared logical to me why elementary particles possess "SPIN". Spin is the spacelike constant related to the timelike constant called energy. Any elementary particle possesses energy proportional to a frequency, with proportionality constant called the constant of (Max) Planck. But in S(pecial) R(elativity) any constant is or a scalar or a one or more dimensional tensor. And energy is a time constant and must also have a spacelike constant. And when analyzing these facts mathematically it appears obvious that the spacelike constant just is the so-called constant "helicity", i.e. spin in the direction of observed motion of the elementary particle. And this fact alone requires elementary particles to be described mathematically as extended particles in the 2D(imensional) plane orthogonal to the observed direction of motion. This is also obvious when analyzing GR on mathematical grounds: Curvature of space-time implies mathematically a doubling of degrees of mathematical freedom, this is the main reason why the graviton is a so-called spin2 elementary particle!

I couldn't say it all appeared obvious right away, and only after Grisha Perelman had shown that knots are only possible in 3D-space, i.e. 4D-space-time as used in SR and GR, QM became mathematical complete logical to me. All solutions of fermions must be solved mathematical with Open B(oundary) C(onditions), while all bosons must be described mathematically with Closed BC. This is the ONLY way to rewrite QM in compliance with Einstein's C(omprehensive) A(ction) P(inciple), i.e. include curvature of space-time in the mathematical analysis. All elementary particles must be analyzed mathematically as extended harmonical extended waves in the 2D-plane orthogonal to the observed direction of motion. In this analysis it appears that the chance of this harmonical oscillating extended elementary particle to be on its so-called worldline itself is zero. And according to QM (SR QFT) the elementary particle is always described as being on its worldline itself. And when describing interactions of elementary particles using Feynman diagrams, the fact that elementary particles are allowed to reach one another up to zero distance is the source of ALL appearing infinities in the integrals. And in fact this is caused by the fact that QM does NOT comply to Einstein's CAP. And rewriting QM in compliance with the CAP removes all these troublesome infinities and also proofs why QM must be analyzed in complex Hilbert-space.

And when analyzing these characteristics mathematically, it appears obvious why until now no elementary particles without spin have been detected. Any elementary particle without spin misses the mathematical freedom to possess energy proportional to a detected frequency. And any particle without so-called energy is just nothing!

This complex mathematical analysis also proved why all QM has to be solved in the complex so-called "Hilbert" -space, and this mathematical fact alone gave me COMPLETE confidence that this simple mathematical analysis is correct!

By the way, this mathematical analysis also showed me why elementary fermions appear in more families, while bosons only allow one species connected to every possible symmetry group. And in the physics of QM this fact is not understood, but just taken for granted. And this mathematical fact alone proved me completely that all so-called Super-String theories with the required so-called Super-Symmetry are completely WRONG, i.e. do NOT describe our reality on a deeper level!

This is why I'm certain that the LHC will NOT find any not already detected elementary particle.

And I DO understand that this fact doesn't appear attractive to you, but UNDERSTANDING OUR OWN REALITY AND OUR EXISTENCE IS MUCH MORE IMPORTANT TO ME THAN JUST LIVE ON MY (and in fact so-called HUMAN-) FEELINGS! And when you're in contact with your own feelings and self-being you'll understand me.

This is why I'm convinced that the Higgs mechanism isn't correct. The only severe problem in understanding the property called mass in physics implies a GR analysis of physics, and NOT a simplistic SR analysis!

I've tried to explain myself on my own website: <http://quantumuniverse.eu>

If you have the brave courage to read through all my work, I hope to be able to enable you to understand my current view on QM and the fact that elementary spinless particles are just fiction, because can't carry any energy! QM just has to be rewritten in compliance with Einstein's CAP.

High regards,

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