

# An Open Letter to The Global Max

(with thanks to Max Loughan and [Alison Goldwyn](#) for their inspiration)

During 2016 several new YouTube videos appeared with and about Max Loughan, a formidable 13 year old scientist presenting his [ideas](#), [knowledge](#), and [technical inventions](#). It is fantastic to see how far our human intellect can bring us if we are ready (and allowed!) to use it in an optimal way. I hope Max Loughan is just one of a growing generation of young people who advance Science when my generation (I am 69 today) is long past our role on the terrestrial stage of Life.

Because the Open Science Academy (where this letter has been posted) is devoted especially to this young generation, let me address The Global Max (as I refer to them) in hopes of guiding their young intellectual prowess concerning the new scientific paradigm in a way that MAXimises their impact on the future of Physics – nee the entire future of Science.

First, I hope there are also Maximas among these young Scientists because we need their feminine intuition as much as the cool masculine logic. As we know from our deep and deepest history, the world was always a better place to live in when organized along the matriarchal order.

Secondly, we should not mistake Physics with Show Biz. Physicists are not here to entertain us so much as to teach us to admire Nature — an entertainment form unto itself which can border on the breathtaking. If entertaining emanates *naturally* from the individual and doesn't compromise the purity of the message nor obscure the true "star of the show" – Nature – then perhaps it's beneficial because it becomes more user-friendly in endearing more people toward the gift of greater understanding. Then again, we have to remember that Physics is simply our intellectual product, description of, and scientific model of Nature. All physical concepts, physical quantities, equations, laws, units, and constants are simply byproducts of that or another model of Nature. Most likely Nature doesn't care about any of them. If we use statements like "Nature is ...", or "Energy is ...", or "An atom is ...", the implicit meaning should be that we *think* "Nature is like ...", or "Energy is like ..." and so on, based on our currently applied model of Nature.

Thirdly, we must constantly and uniformly clarify that when speak about free energy, for example (or dark energy, dark matter, multiple universes, or hidden dimensions), it is nothing more than good PR. We simply cannot know or experience such ideas. I think there is nothing "for free" in Nature nor truly hidden within her. Nonetheless, it can appear to be hidden based upon our present point of view. Before we can discuss something like "free-of-charge sources of energy", we have to understand and define the concept of Energy itself. And I have never in my life found any reasonable definition, thus prompting my prolonged quest for one. Finally today, and probably for the first time in our "modern" history, Unified Physics gives us a precise definition of all physical quantities – including Energy itself (for example the shortest one presented [here](#)).

Finally, we are at once human, spiritual, and material beings from the very beginning of our existence as Individuals, as Species, and as members of our Family *Homo sapiens*. We [need our religion](#) as much as our scientific knowledge. There were (and will continue to be) terrible periodic events in the Earth's cosmic and geological history that understandably created our reliance on religious beliefs as sole guidepost for our hopeful survival. The human concept of God is the religious equivalent of the Creator of the Universe within which we live. As Scientists we have no basis (nor I think, possibility) to

describe "what God is" – and most especially to declare that "God is a form of Energy". As I state above, the notion of Energy is our own (intellectual) construct, just as we are all a construct of this Universe. Therefore the Creator of this wonderful Universe (or however one chooses to interpret the name) can neither be nor should be diminished to “mere” Energy nor limited to any other physical constrictions like Force, or Field, or Light.

In summary, I am delighted to know The Global Max Generation is already amongst us! It’s catchy and zesty and full of promise. We all share the responsibility of allowing these inspired young minds to further explore and develop their own ideas devoid of any external manipulation. Both Maxes and Maximas can maximize their potential by safely exploring those wide open spaces within (our minds) and taking them exponentially outward! Let's encourage the courage to think openly in open forums such as this, the Open Science Academy.

I heartily invite you, The Global Max Scientists, to discuss your (and our) ideas on this open platform at any time.

Good luck in your construction of our common future!

Dr. Peter Jakubowski

(On 9th September 2016)

(from wonderful Duesseldorf, on wonderful continent of our wonderful Planet)

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