

Nature uses only the longest threads to weave her patterns, so each small piece of her fabric reveals the organization of the entire tapestry.

R.P Feynman (1965)

Time Travel

– is 42 the answer to everything?

Isaac Newton observing the falling apple in a garden near Cambridge and recognizing the moon falling around the earth as two manifestations of the same principle: how far can we extrapolate? To the rotation of our solar system around Sagittarius A at the core of our Milky Way, the final merger of our Galaxy with Andromeda and the end of our local group in a huge black hole. But how far do these principles extend into the microcosmos? The measurement process? And are there relations to consciousness and religion?

We will be starting simple – with our cosmos, its end and beginning – proceed to the more complex - the things in the universe - to arrive at even more complex – consciousness, freedom and God.

This seminar will be Experimental Physics at work and our experiment seeks an answer to the question: is there room for *literary physics*, that part of physics which does not seek a well-paid job, a scientific career advancement or an improvement of material for students' textbooks. Physics driven by nothing but our curiosity to understand the deepest philosophical questions: *who are we, where do we come from, how will we end?* Everybody carries these questions, however physicists are in a pole position to suggest answers, being educated to sharpen visions with observational facts. Be invited to a premiere, where I will roll out the carpet using facts and formulas to decorate a theater of inspiration. The educational human uncertainty principle – *depth · width = constant* – will be stretched to a maximum squeezed state, hopefully touching the widest possible range of topics, however leaving plenty of room for deeper investigation. Bring your knowledge, your questions, your critics and we might have a great feat.

Be invited to a one-hour journey through space and time. A sightseeing roundtrip, given by a traveler, who enjoyed being part of physics science for a short period, travelled far and returned with a vision: to make every minute of the remaining time on the stage we call life a worthwhile one. I truly hope our seminar will stimulate curiosity and discussion, controversy and questions, and maybe even ideas on where to travel next to achieve deeper understanding.