Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_77423
Title of the Manuscript:	Black Holes, Gravitational Waves and Quantum Gravity
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that <u>NO</u> manuscript should be rejected only on the basis of '<u>lack of Novelty'</u>, provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	Although the manuscript does not bring much news, I believe that, with some adjustments, it will be publishable by way of provocation, since the topic is completely open when it comes to the combination of quantum field theory and gravitation. For example, the paragraph "In quantum field theory in curved spacetime, one treats gravitation classically, as in the framework of GR. Thus, spacetime structure is described by a" is confusing and rather incomplete. The author could at least refer to the fact that in Lagrangian field theory the initial condition for introducing a fermi-bosonic symmetry in gravity is the premise of a curved spacetime, minimally to situate the reader if the way is to "quantize gravity". Whilst the author explains that the article presents some basic ideas for further in-depth work, the real need for the quantization model as presented is not clear (we don't even know if we really need to insist on quantizing gravity!). I suggest that the author discuss in	
	more detail the real uncertainties in this field so as not to give the impression that thinking about a quantum theory of gravity is the most natural thing to do (are there hopes of devising a consistent experimental program to corroborate these ideas?). Throughout the text, the author speaks of quantum gravity, gravitational waves and also quantum black-holes, reaching the "quantization of geometric quantities", which leads us to a quantization of the metric itself. I can't see anything more opposed to General Relativity than a fragmentation of geometry! If this is really important to the author, he should at least consistently justify this line of reasoning. The expression "quantized spacetime" is portentous and hides obscure conceptual challenges when talking about "quantum gravity"	
Minor REVISION comments	Except for a routine English revision, nothing more to declare in this section.	
Optional/General comments	In summary, I see the article in a confused form that needs considerable improvement to fulfill its role. As I said, I find it publishable after the suggested modifications.	

PART 2:

		Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	

Reviewer Details:

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