

Abstract Submitted  
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**Neutrosophy and Physics** FLORENTIN SMARANDACHE, University of New Mexico, VICTOR CHRISTIANTO, SciPrints — Using Neutrosophy, some known paradoxes in Quantum Physics could be solved in unique way. Some other neutrosophical predictions could find their way in experiments. It is known that there are numerous applications of Multi-Valued logic, which have become part of daily numerical tools for hardware designers and programmers alike. It is not difficult to expect that in the near future, applications of Neutrosophic Logic will also be found in the same way now electronic designers have made use Fuzzy Logic of L. Zadeh. In recent years, a few physicists have suggested that biological systems could be represented using Multi-Valued-logic. Therefore, it is very likely that study of Quantum Physics of biological systems will also find Neutrosophic Logic useful. Furthermore, it is also likely that Multi-Valued logic in particular Neutrosophy will improve various other branches of science, which have used mathematical methods extensively.

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