

Abstract Submitted
for the APR17 Meeting of
The American Physical Society

Quantum Gravity, May Not Be The Right Question. HONTAS FARMER, Malcolm X College - City Colleges of Chicago and College of DuPage — To get sensible answers one must ask the right questions. “How can we quantize gravity” may not be the right question to ask if our goal is to unify quantum field theory (QFT) with general relativity (GR). The right question may be how can we relativize quantum field theory. The best and brightest physicist of the last 80 years have tried to answer the quantization question and gotten answers that while interesting, like loop quantum gravity and string/M theory, have not been accepted by all as being the answer. In this talk it will be proposed that the better question to ask is how can we relativize quantum field theory. Relativization means to make a theory comply with Einsteins relativity. QFT is a result of the relativization of quantum theory. Quantum gravity would be the result of a sort of reverse relativization of General Relativity so we can quantize it. It may be that nature does not work that way. It may be that the unified theory of GR+QFT will be relativized. In this talk I will briefly state the five axioms of relativization, and show how to write the relativized standard model and use it to make predictions for particle physics and astrophysical observations.

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Date submitted: 06 Sep 2016

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