

Abstract Submitted
for the APR15 Meeting of
The American Physical Society

Quantum Gravity: Have We Been Asking The Right Question?

HONTAS FARMER, City Coll of Chicago — To get the correct answer one must ask the correct question. In the field of quantum gravity the question has been how do we quantize General Relativity or derive a quantum theory which becomes General Relativity at low energies. Observing that Quantum Field Theory was the result of making Quantum Mechanics into a relativistic theory, I asked myself why not make QFT obey the principles of GR? I answered this question with a model I call Relativization. In a series of three papers I presented an answer to this alternative question which gives finite results for everything from black holes to particle physics. However, others may answer this question more elegantly than I have. Have we by studying quantum gravity for 50 + years been asking the wrong question, and thus experiencing difficulty, all this time?

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Date submitted: 21 Dec 2014

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