## **Miami Physics Conference 2022**

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Title: Quantization Meets the Universe

Since the quantum world created our classical world, it seems reasonable that the quantum world also created our universe. While canonical quantization requires coordinate space that is fully infinite, that may not be correct for situations where space is absent, such as regions ahead of the Big Bang. Affine quantization was designed to deal with reduced space regions, and are appropriate to analysis the Big Bang as well as black holes. We focus on showing that affine quantization automatically adds a 'gravity wall' that prevents anything entering regions where there is no space. This seems reasonable to the Big Bang, but it also applies to black holes as our analysis shows.