

Richard Woodard, Quantum Gravity comes of Age

Thursday 29 October 2015 15:00 (1 hour)

I argue that cosmological data from the epoch of primordial inflation is catalyzing the maturation of quantum gravity from speculation into a hard science. I explain why quantum gravitational effects from primordial inflation are observable. I then review what has been done, both theoretically and observationally, and what the future holds. I also discuss what this tells us about quantum gravity. This talk is based on arXiv:1407.4748.