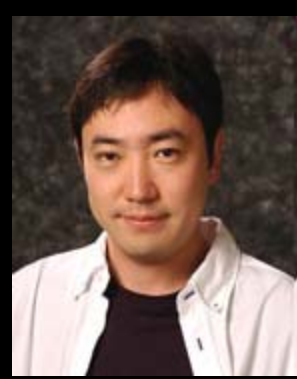


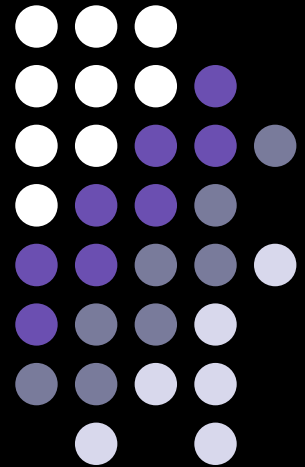
Theory Seminar

Monday, October 3, 2011 2:10 PM 831 Pupin Hall



Physical Predictions in the Quantum Multiverse

I describe how quantum mechanics plays a crucial role in defining probabilities (the "measure") in the multiverse. The resulting picture leads to a dramatic change of our view on spacetime and gravity, and provides complete unification of the eternally inflating multiverse and many worlds in quantum mechanics. The latest result on the distribution of the cosmological constant is also presented.



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