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## On the quantum origin of a small positive cosmological constant

*Wednesday, 29 September 2021 17:05 (15 minutes)*

We show that Dark Matter consisting of ultralight bosons in a Bose-Einstein condensate induces, via its quantum potential, a small positive cosmological constant which is close to the observed value. This explains why the densities of Dark Matter and Dark Energy are approximately equal.

**Presenter:** DAS, Saurya

**Session Classification:** Wednesday PM