



Contribution ID: 1371

Type: **Poster**

Current Status of Resummed Quantum Gravity

Friday, 8 July 2022 20:10 (20 minutes)

We present the current status of the theory of resummed quantum gravity. We focus on its prediction for the cosmological constant in the context of the Planck scale cosmology of Bonanno and Reuter and its relationship to Weinberg's asymptotic safety idea. We discuss its relationship to Weinberg's soft graviton resummation theorem. We also present constraints from and consistency checks of the theory as well as a possible new test of the theory.

In-person participation

Yes

Primary author: WARD, Bennie (Baylor University)**Presenter:** WARD, Bennie (Baylor University)**Session Classification:** Poster Session**Track Classification:** Formal Theory