

## $\Lambda$ CDM tensions and new physics

*Thursday, May 18, 2023 3:20 PM (25 minutes)*

In the last few years increased precision of experimental data led to challenges to  $\Lambda$ CDM. The dynamics of the expansion and the statistics of the growth of structure appear to be in tension between local measurements and inference from the CMB. I will discuss the  $H_0$  and  $S_8$  tensions and discuss new physics solutions in the context of dark matter/energy and quantum gravity.

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