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# Adagio for Thermal Relics

*Friday 26 April 2024 10:30 (30 minutes)*

Weaker gravity during an early epoch would yield a smaller Hubble rate, which is the measure of efficiency for primordial processes. A slower cosmic tempo can accommodate alternative cosmological histories. We consider this possibility for thermal relic dark matter, in the context of extra dimensional models. These models could potentially alleviate the hierarchy problem and may be testable at the LHC or a future high energy collider.

**Presenter:** DAVOUDIASL, Hooman

**Session Classification:** Morning