

Axion-like Particle Dark Matter and the Baryon Asymmetry

Saturday, 16 December 2023 15:00 (15 minutes)

In this talk, I will present new mass generation mechanisms for axion-like particles (ALP), and discuss the evolution of these ALP in the early universe. I will also show that the observed baryon asymmetry of the universe can be addressed in this mechanism with the help of the spontaneous baryogenesis mechanism.

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