



ID de Contribution: 27

Type: Non spécifié

## Axion Dark Matter with Flavor-Violating Couplings to Quarks

*jeudi 28 septembre 2023 14:35 (20 minutes)*

We discuss simple scenarios where quark flavor-violating couplings generate the observed dark matter abundance through freeze-in of an axion-like particle with mass in the few keV range. We show that these scenarios are constrained by supernovae, structure formation and collider bounds and can be almost entirely probed by future X-ray telescopes.

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**Classification de Session:** Astro - HEP Phenomenology