

# Flavor Phenomenology of the QCD Axion

*Thursday 18 April 2019 09:50 (25 minutes)*

I will discuss theoretical and phenomenological aspects of flavor-violating couplings of the QCD axion. Such couplings arise whenever SM fermions carry flavor non-universal Peccei-Quinn charges, and allow to look for the QCD axions also with high-precision flavor experiments, complementarily to usual searches with halo- and helioscopes.

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