

# BEACH 2024: XV International Conference on Beauty, Charm, Hyperons in Hadronic Interactions

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## Theoretical Perspectives on Lepton Flavor Violation

*Monday, 3 June 2024 16:00 (30 minutes)*

We provide an overview of lepton flavor violation from a theoretical perspective, both using the effective field theory framework and a variety of concrete models, motivated, for example, by the observation of neutrino masses. We also discuss non-standard signatures such as light-boson emission and flavor violation by more than one unit, highlighting challenges and opportunities at future facilities.

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