

## Overview of the physics prospects in MOMENT

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The near future of neutrino oscillation physics will be marked with precision measurements on the standard neutrino mixing parameters. MOMENT introduces a novel method to produce a high-intensity low-energy muon-decay-based neutrino beam, which is ideal to study neutrino oscillations at medium distance. In this talk, we review the general prospects of MOMENT at the precision measurement of the standard parameters as well as in the search for new physics. We will highlight how MOMENT will perform in comparison of other next-generation experiments as well as complement them in the major goal of narrowing down the values of the neutrino mixing parameters.

### Working group

WG1

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