

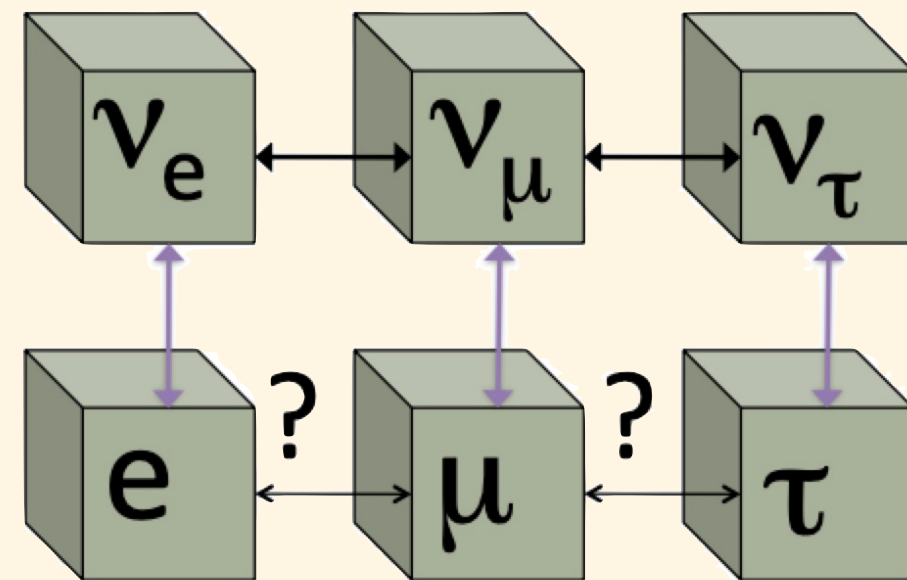
# Status of DeeMe experiment

Yuta Higashino, on behalf of DeeMe Collaboration

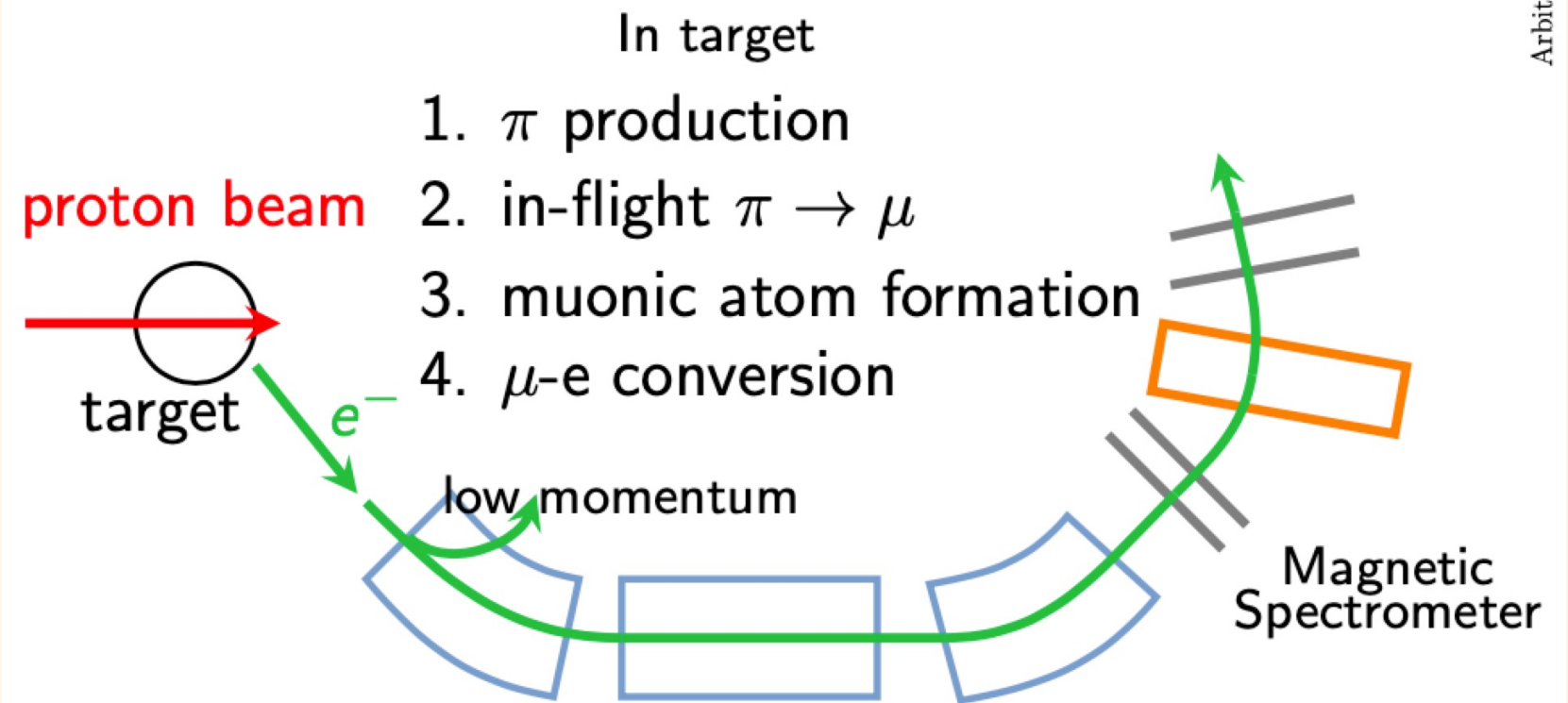
The University of Osaka, Department of Physics

The 9th International Symposium on Symmetries in Subatomic Physics, Sep 23-28, 2025

Neutrino oscillation



cLFV



Decay in orbit(DIO)

$$\mu^- \rightarrow e^- \nu_\mu \nu_e$$

Muon Capture(MC)

$$\mu^- + (A, Z) \rightarrow \nu_\mu + (A, Z - 1)$$

$\mu$ -e conversion

$$\mu^- + (A, Z) \rightarrow e^- + (A, Z)$$

