Contribution ID: **325** Type: **Oral presentation using Zoom**

Fixed-target experiment using ILC main beam dump

Wednesday, 27 October 2021 20:30 (30 minutes)

We perform a feasibility study of fixed-target experiments using ILC positron and electron beam dumps. Both visible and invisible decay signatures from new light particles produced in the beam dumps are considered. We show typical sensitivities to new particles for the ILC positron and electron beam dump experiments.

1st preferred time slot for your oral presentation

13:00-15:00 JST (6:00-8:00 CEST, 0:00-2:00 EDT, 21:00-23:00 PDT)

2nd preferred time slot for your oral presentation

10:00-12:00 JST (3:00-5:00 CEST, 21:00-23:00 EDT, 18:00-20:00 PDT)

Primary author: UEDA, Daiki

Presenter: UEDA, Daiki

Session Classification: O-1: Fixed target / Dark sectors / Applications outside particle physics

Track Classification: Parallel sessions: Transversal Task Forces: Session O: Fixed target / Dark sectors / Applications outside particle physics