## PANIC2021 Conference



Contribution ID: 634

Type: Talk

## Probing dark matter with ILC

Sunday 5 September 2021 16:00 (25 minutes)

The International Linear Collider offers a number of unique opportunities for searches for dark matter and dark sector particles. The collider program will offer important capabilities, but also, the ILC will enable new fixed-target experiments using the high-energy electron and positron beams, both beam dump experiments and dedicated experiments using single beams. This talk will describe the expectations for these programs, which address all of the possible dark sector portals.?

(on behalf of the ILC International Development Team Speakers Bureau)

Primary author: ZARNECKI, Aleksander Filip (Faculty of Physics, University of Warsaw)Presenter: ZARNECKI, Aleksander Filip (Faculty of Physics, University of Warsaw)Session Classification: Energy frontier physics beyond the standard model

Track Classification: Energy frontier physics beyond the standard model