



Contribution ID: 105

Type: Oral presentation using Zoom

Phenomenology of spin - 3/2 particles at lepton collider

We study the phenomenology of Standard Model Gauge singlet spin - 3/2 Majorana fermion at the future electron - positron collider. The exotic spin - 3/2 fermion interacts with the Standard Model particles via effective operators with mass dimension 7 or higher. After writing down the complete set of dimension - 7 operators involving the exotic spin - 3/2 fermion, we studied the production, decay and signature of the spin - 3/2 fermion at the proposed electron - positron collider.

1st preferred time slot for your oral presentation

19:00-21:00 JST (12:00-14:00 CEST, 6:00-8:00 EDT, 3:00-5:00 PDT)

2nd 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)

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Session Classification: H-1: BSM particle production

Track Classification: Parallel sessions: Topical Groups: Session H: BSM particle production