



Contribution ID: 21

Type: Oral presentation using Zoom

New muon ($g-2$) result and ILC as target for Supersymmetry

Wednesday, 27 October 2021 16:50 (20 minutes)

We confront the Minimal Supersymmetric Standard Model (MSSM) with the recent measurement of $(g-2)_\mu$, the Dark Matter (DM) relic density, DM direct detection limits and electroweak SUSY searches at the LHC. We demonstrate that various distinct regions of the parameter space can fulfil all experimental constraints. We present predictions for the ILC to explore these regions.

1st preferred time slot for your oral presentation

15:30-17:30 JST (8:30-10:30 CEST, 2:30-4:30 EDT, 23:30-1:30 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-2: BSM particle production

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