

Muon g-2 reconstruction + SUSY: status report

- We (theory + experiment) started to discuss the possible SUSY discovery which explains muon g-2 anomaly
 - Theoretical introduction by Teppei Kitahara @ ILC Summer Camp
Online [link](#)
- Theorists prepared Whizard input file. I will try to produce MC samples based on this and check it.
 - ILC500
 - mass measurement of $\tilde{\tau}_1$ and cross-section measurement $e^+e^- \rightarrow \tilde{\tau}_1\tilde{\tau}_1$
 - Additional mass measurement of and $\tilde{\tau}_2$ and cross-section measurement $e^+e^- \rightarrow \tilde{\tau}_1\tilde{\tau}_2$ allows better reconstruction of g-2