

## IAS Program on High Energy Physics (HEP 2021)



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# Improved $(g-2)_\mu$ Measurements and Supersymmetry

In view of the current and possible future measurements of  $(g-2)_\mu$  we investigate several SUSY scenarios. In all cases the  $(g-2)_\mu$  measurements set upper limits on SUSY particle masses and several light EW particles are guaranteed. These predictions are analyzed in view of future collider searches (pp and e+e-).

## Scheduling Preferences

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