(Re)interpreting the results of new physics searches at the LHC

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Recasting the CMS Disappearing Track search

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The CMS disappearing track search using the full Run 2 data (2004.05153) has the potential to place the strongest limits on many scenarios, such as minimal dark matter and especially supersymmetric models where the electroweakino mass splittings become small enough the the charginos are long-lived. I shall report on progress producing codes to recast this analysis.

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