

# 26th International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY2018)



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## Indirect Probe of Minimal Dark Matter at Collider

*Wednesday 25 July 2018 18:00 (20 minutes)*

A massive particle charged under the electroweak gauge symmetry, such as a Higgsino and Wino, is one of the most promising candidate of the dark matter and called “Minimal dark matter.” Such electroweakly interacting particle will affect the standard model processes thorough quantum effects. In this talk, I will discuss search strategies for such a dark matter with precision measurements of the standard model processes at current and future colliders. This indirect search will be as strong as the direct production search with mono-X and missing energy.

### Parallel Session

Supersymmetry: Models, Phenomenology and Experimental Results

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