

# Phenomenology 2018 Symposium



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Type: parallel talk

## Bremsstrahlung in Direct Detection

*Tuesday 8 May 2018 16:45 (15 minutes)*

I will discuss the possibility of bremsstrahlung of a photon or dark sector particle being the leading order process for the direct detection of dark matter within the effective field theory framework. It will be shown under what circumstances a bremsstrahlung process could possibly alleviate momentum suppression or spin-dependence of the interactions.

### Summary

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**Session Classification:** DM IV