## Amsterdam-Paris-Stockholm 5th meeting



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## Global scans of combined EFT operators

Monday 21 September 2015 14:30 (25 minutes)

An effective field theory (EFT) approach allows us to describe WIMP interactions as point-like, regardless of the specific fundamental theory at higher energies. We consider simultaneously all phenomenologically relevant EFT operators and perform a global bayesian analysis. We identify the most probable regions of the theory parameter space compatible with experimental constraints on the relic density as well as with direct and indirect detection experiments.

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