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## **Spin Correlations in Dark Matter Production in Association with Top Quarks at Hadron Colliders**

*Tuesday 4 December 2018 15:20 (20 minutes)*

We study possible top quark spin correlation effects in Dark Matter (DM) production in association with top quarks at the LHC. Final states and their kinematic properties are studied in detail at the 14 TeV LHC. We show some preliminary results of angular correlations and distributions of the top quarks which may allow us to explore the DM interactions.

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