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## **Search for Dark Matter produced in association with a jet with the ATLAS detector**

*Monday, August 5, 2019 3:40 PM (20 minutes)*

### **Summary**

The astrophysical evidence of dark matter provides some of the most compelling clues to the nature of physics beyond the Standard Model. If it interacts weakly with the Standard Model, Dark Matter can be produced directly at the LHC. This talk presents the results of the search for dark matter using events with large missing transverse momentum produced in association with jets using the full run-2 13 TeV ATLAS data.

**Presenter:** LONDON, Jack (University of Birmingham (GB))

**Session Classification:** Poster Session (Mon/Tue)

**Track Classification:** Dark Matter Searches