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The LHC Dark Matter Working Group

Tuesday 8 August 2017 16:30 (15 minutes)

The LHC Dark Matter Working Group (LHC DM WG) brings together theorists and experimentalists to provide the benchmark models, interpretation, and characterisation needed for a robust and broad set of searches for dark matter at the LHC. I will discuss the work of the LHC DM WG, and its predecessor the ATLAS/CMS Dark Matter Forum—the interaction between theory and experiment, the types of signals being considered for LHC Run-2 searches, the evolving interpretation of the LHC results alongside direct and indirect detection, and the future.

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