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Discovering and characterising new physics with detector-corrected data

Wednesday, 3 April 2019 11:00 (25 minutes)

I will review detector-corrected measurements that have recently been made at the LHC with the aim of allowing reinterpretation for new physics searches. I will discuss new proof-of-concept measurements designed with searches for and measurement of new phenomena in mind, new results characterising anomalous Higgs boson interactions, and effective field theory interpretations of electroweak interactions. I will discuss aspects of what has been learned in existing approaches and future challenges.

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Session Classification: Session 2