## Theory challenges for LHC physics



Contribution ID: 1 Type: not specified

## FIRE5: a C++ implementation of Feynman Integral REduction

Friday 24 July 2015 15:30 (30 minutes)

In modern elementary particle physics one often needs to evaluate millions of Feynman integrals. An already classical approach is to apply the so-called integration by parts relations and reduce all integrals to a smaller set, the master integrals. We present FIRE5 - a powerful program performing Feynman integral reduction.

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Session Classification: CALC2015 Workshop