



Contribution ID: 146

Type: **Parallel Session Talk**

Multi-jet merging with NLO matrix elements

Friday, 23 July 2010 09:30 (17 minutes)

Multi-jet merging of matrix elements and parton showers in Monte-Carlo event generators has become a crucial tool for LHC predictions. An existing algorithm for tree-level matrix elements is extended to full NLO accuracy.

Primary authors: KRAUSS, Frank (IPPP Durham); SIEGERT, Frank (IPPP Durham and UC London); SCHOENHERR, Marek (IKTP, TU Dresden); HOECHE, Stefan (ITP, Uni Zuerich)

Presenter: SIEGERT, Frank (IPPP Durham and UC London)

Session Classification: 03 - Perturbative QCD, Jets and Diffractive Physics

Track Classification: 03 - Perturbative QCD, Jets and Diffractive Physics