Contribution ID: **499** Type: **Parallel Sessions**

Interplay of IR-Improved DGLAP-CS Theory and NLO Parton Shower MC Precision

Thursday, 5 July 2012 16:30 (15 minutes)

We present the interplay between the new IR-improved DGLAP-CS theory and the precision of NLO parton shower/ME matched MC's as it is realized by the new MC Herwiri1.031 in interface to MC@NLO. We discuss phenomenological implications using comparisons with recent LHC data on single heavy gauge boson production.

Primary author: Prof. WARD, Bennie (Baylor University (US))

Co-authors: Prof. YOST, Scott (The Citadel); Dr MAJHI, Swapan (IACS, Calcutta)

Presenter: Prof. WARD, Bennie (Baylor University (US))

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