

## Threshold resummation for Drell-Yan production: theory and phenomenology

*Thursday 16 September 2010 12:00 (30 minutes)*

We present a phenomenological study of vector boson production at hadron colliders based on NNLO fixed order calculation and on resummation of threshold logarithms. We compare different prescriptions for the calculation of resummed quantities, we study the ambiguity related to the resummation prescription, and we compare it to that coming from scales variation.

**Author:** Dr BONVINI, Marco (INFN, Sezione di Genova)

**Presenter:** Dr BONVINI, Marco (INFN, Sezione di Genova)

**Session Classification:** Morning II