

# Status and prospects in higher order calculations and MC tools

*Tuesday 12 August 2014 11:25 (30 minutes)*

This merged talk is expected to discuss recent developments and status of precision calculations and MC Tools, their future and impact, especially in the EW sector and higher order QCD, for SM physics at the LHC (and beyond). If possible the talk should also touch on issues related to heavy flavour production, jet veto-ing, and predictions for  $A_{FB}$  and  $A_c$  (top). Scalar boson production is covered elsewhere, in a separate talk in the session on EW symmetry breaking.

**Presenter:** BADGER, Simon David (NBI)

**Session Classification:** Standard Model Physics