



Contribution ID: 155

Type: **Talk in Parallel Session at DIS2013**

EW precision measurements at the LHC: theory review

Thursday 25 April 2013 11:00 (20 minutes)

We present a theoretical overview of the present status and prospects for electroweak measurements at LHC, leading to precision tests of the standard model. The state of the art of Monte Carlo event generators is illustrated and special attention is paid to the interplay between QED and QCD, the measurement of the W mass and the effective weak mixing angle.

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Session Classification: WG3: Electroweak and Searches

Track Classification: Electroweak Physics and Beyond the Standard Model