

Declaration

I hereby declare that the matter contained in the thesis entitled "Estimating $ZZ \rightarrow \ell\ell\nu\nu$ background in the $\ell\ell + E_T^{\text{miss}}$ final status using $Z\gamma \rightarrow \ell\ell\gamma$ data", contains the results of the work carried out by me at the Deutsches Elektronen-Synchrotron (DESY) Hamburg, under the supervision of Dr. Beate Heinemann, and the same has not been submitted elsewhere for any other degree.



Mangesh Sonawane

29.03.2018



Dr. Beate Heinemann

29.3.2018

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