



Contribution ID: 22

Type: **Poster**

W-boson total width formula

We present our progress towards a simplified analytical one-loop expression of the W -boson total width, expanding linearly in the fermion masses. We compare our results with previous studies where infinite terms are not explicitly subtracted.

Authors: Prof. ERLER, Jens (JGU Mainz); FERRO HERNANDEZ, Rodolfo (University of Mainz); MARTINEZ RAMIREZ, Rolando (Johannes Gutenberg-Universität Mainz (JGU))

Presenter: MARTINEZ RAMIREZ, Rolando (Johannes Gutenberg-Universität Mainz (JGU))

Session Classification: Poster Jamboree