

# Total cross section measurement of the $t\bar{t}Z$ with full Run II dataset

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After publishing the first observation of the  $t\bar{t}Z$  process at ATLAS with 36/fb of data, a more precise measurement of the  $t\bar{t}Z$  total cross section, as well as the differential cross section measurement, will follow with the full Run II LHC dataset. 3 and 4 lepton final states are included in the measurement, aiming for a publication for one of the summer conferences. The measurement will be presented mostly from the total cross section point of view in the 4-lepton channel.

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