



Contribution ID: 205

Type: Oral presentation (in person)

$t\bar{t}$ -threshold: Focus topics for the ECFA study on Higgs / Top / EW factories

Tuesday, 9 July 2024 12:00 (20 minutes)

I present the status of the ECFA Higgs/EW/Top Factory workshop activities for the $t\bar{t}$ -threshold focus topic (see <https://arxiv.org/pdf/2401.07564>).

An expert team has been setup aiming to provide a firm basis for the projected precision of the top quark mass and width measurements from a scan of the center-of-mass energy through the top quark pair production threshold. The prospects for measurements of top quark electro-weak couplings are included in the study, too. The goal is to provide a realistic estimate of statistical uncertainties, and systematic uncertainties from theory and experiment.

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Session Classification: Top, QCD, Flavor, Precision Modelling

Track Classification: Physics and Detector: Top quark, QCD, Flavour, Precision Modelling