

Electroweak precision measurements at HL-LHC and FCCee

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The prospects for electroweak physics at High-Luminosity LHC and at the Future Circular Collider with electron-positron beams (FCC-ee) will be discussed, in the global context of precision tests of the Standard Model. The measurements performed at LHC at centre-of-mass energies of 7 and 8 TeV, corresponding to integrated luminosities up to 5 and 20 inverse fb, respectively, will be reviewed, focusing on selected examples. The potential of LHC to contribute to electroweak global fits with a precise measurement of the W mass, the top mass and the electroweak mixing angle will be discussed. Perspectives for measurements of the Z mass, width and asymmetries at FCCee, with an instantaneous luminosity at the Z pole five to six order of magnitudes larger than LEP will be included in the presentation, together with the prospects of measuring the W and top masses at centre-of-mass energies around 160 GeV and 350 GeV respectively, with high-statistics cross section measurements at several energy points.