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## Precision EWK and QCD measurements from ATLAS, CMS, LHCb

*Tuesday 22 October 2024 09:40 (40 minutes)*

This talk will highlight the latest results from CMS, ATLAS, and LHCb on precision electroweak measurements, including the W boson mass,  $\sin^2\theta_W$ , and the g-2 from tau leptons, as well as recent determinations of the strong coupling constant,  $\alpha_S$ , in quantum chromodynamics (QCD).

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