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## Higgs CP properties and EFT measurements from ATLAS

*Tuesday 20 May 2025 15:45 (15 minutes)*

This talk presents precise measurement of the CP properties of the Higgs boson using the full dataset collected in pp collisions at 13 TeV during Run 2 and at 13.6 TeV during Run 3 of the LHC. The measurements are performed in various Higgs boson production and decay modes, as well as their combinations. Observation of deviations between these measurements and Standard Model (SM) predictions would be a sign of possible new phenomena beyond the SM.

### Mini Symposia (Invited Talks Only)

### Plenary (Invited talks only)

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**Session Classification:** Electroweak

**Track Classification:** Electroweak, Higgs, and Top Quark Physics