Contribution ID: **42** Type: **Oral Presentation**

Status of the measurements of Higgs boson properties with the ATLAS detector

Tuesday, 30 June 2015 15:20 (20 minutes)

Abstract content
   (Max 300 words)
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The observation of a new particle consistent with a Higgs boson by the ATLAS and CMS experiments at the Large Hadron Collider (LHC) is now well established. With the approaching of the Run II data taking the analysis of Run I data is coming to a close. Measurements of Higgs boson properties with the ATLAS detector using Run I data are reviewed. This includes the measurement of the mass, compatibility of couplings and Spin/CP quantum numbers with the Standard Model, and the measurement of differential cross-sections. Long-term prospects of these measurements with the High-Luminosity LHC are also discussed. Prospects for Run II data taking are inferred.

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Session Classification: NPRP

Track Classification: Track B - Nuclear, Particle and Radiation Physics