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## **Measurement of the Higgs-boson properties with the ATLAS detector at the LHC**

*Monday 15 June 2015 14:15 (30 minutes)*

A detailed review on the properties of the Higgs boson, as measured with the ATLAS experiment at the LHC, will be given. The results shown here use approximately 25 fb<sup>-1</sup> of pp collision data, collected at 7 TeV and 8 TeV in 2011 and 2012. The measurements of the mass, couplings properties and main quantum numbers will be presented. Prospects for the upcoming Run2, starting in May 2015, will be reviewed.

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**Session Classification:** M1-8 Energy frontier: Standard Model and Higgs Boson I (PPD) / Frontière d'énergie: modèle standard et boson de Higgs I (PPD)

**Track Classification:** Particle Physics / Physique des particules (PPD)