



ID de Contribution: 91

Type: **Ordinary**

## **ATLAS Run1 final results, prospectives for Run2**

*mardi 17 mars 2015 09:10 (15 minutes)*

Presentation of the main final ATLAS Run-I results on the Higgs boson on- and off-shell couplings, on the mass, spin/CP measurements and search for Higgs boson to invisible decays. This talk will concentrate on describing all the main results in the single channels, leaving the combination of channels to a dedicated talk later in the same session. Not covered: (1) searches for exotic/rare decay modes (ATLAS+CMS talk in the afternoon), (2) the top Yukawa coupling analyses will only briefly mentioned (covered by the ATLAS talk on top quarks in the top session). In the end some lessons & prospectives for Run-II will be briefly mentioned.

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**Classification de Session:** The Scalar Sector

**Classification de thématique:** Experiment