

# Prospects for Standard Model Higgs physics with the ATLAS Detector at the LHC

*Thursday 30 July 2009 17:25 (20 minutes)*

The search for the Higgs boson is a crucial element of the physics program of the LHC. This talk will give an overview of the Standard Model Higgs boson searches under study within ATLAS, with an emphasis on background normalization strategies. Special attention will be given to the search for Higgs bosons in the  $H \rightarrow WW$  decay mode, since this channel is of particular interest for the early data-taking.

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