

## Search for Higgs to ZZ (llll, llnunu, llqq)

*vendredi 22 juillet 2011 12:15 (20 minutes)*

The search for the Standard Model-like Higgs boson via its decays into two Z bosons is presented, based on the ATLAS data collected in 2011. The results obtained in the fully leptonic ‘golden’ decay channel cover a wide range of Higgs boson masses. Above 200 GeV, the sensitivity is highly improved using channels in which one of the Z bosons decays into neutrinos or hadrons. The good signal to background ratio makes these channels ideal for a discovery.

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**Classification de Session:** Higgs and New Physics