



Contribution ID: 70

Type: **Presentation**

Search for pair production of Higgs bosons in the $b\bar{b}b\bar{b}$ final state with the ATLAS experiment

Wednesday, 2 August 2017 13:48 (18 minutes)

An enhanced production of double Higgs bosons would be a clear sign of beyond Standard Model physics. A search is performed for resonant and non-resonant excess production, where the two Higgs bosons both decay to a pair of bottom quarks. The analyses use up to 36 fb^{-1} of p-p collision data collected by the ATLAS detector at 13 TeV.

Primary author: Mr TONG, Tony (Harvard University)

Presenter: Mr TONG, Tony (Harvard University)

Session Classification: Beyond Standard Model

Track Classification: Beyond Standard Model