

# XXVIII International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 651

Type: **Contributed Talk**

## Search for di-Higgs production at the ATLAS experiment

*Thursday, 15 April 2021 12:33 (15 minutes)*

Di-Higgs final states can arise through non-resonant production of two Higgs bosons and through potential heavy states decaying to two Higgs boson. This talk presents searches in several Higgs boson decay channels using Run2 Data at 13 TeV and prospects at HL-LHC.

**Presenter:** D'ERAMO, Louis (Northern Illinois University)

**Session Classification:** Electroweak Physics and Beyond the Standard Model

**Track Classification:** Electroweak Physics and Beyond the Standard Model