

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

SEARCH FOR HIGGS BOSON DECAYS TO LONG-LIVED SCALAR PARTICLES IN
PP INTERACTIONS AT 13 TEV

By
DANIEL DIAZ

A Dissertation submitted to the
Department of Physics
in partial fulfillment of the
requirements for the degree of
Doctor of Philosophy

2020

Daniel Diaz defended this dissertation on November 16, 2020.
The members of the supervisory committee were:

Ted Kolberg
Professor Directing Dissertation

Greg Hajack
University Representative

Andrew Askew
Committee Member

Paul Eugenio
Committee Member

Laura Reina
Committee Member

The Graduate School has verified and approved the above-named committee members, and certifies that the dissertation has been approved in accordance with university requirements.