

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

CONSTRAINING NEW PHYSICS VIA IMPROVED GLOBAL FITS OF THE STANDARD
MODEL EFFECTIVE FIELD THEORY

By
ANGELICA GONCALVES DOS SANTOS

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

2024

Angelica Goncalves Dos Santos defended this dissertation on July 2, 2024.

The members of the supervisory committee were:

Laura Reina
Professor Directing Dissertation

Philip L Bowers
University Representative

Rachel Yohay
Committee Member

Fernando Febres Cordero
Committee Member

Jorge Piekarewicz
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.