

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

IMPROVING CRYO-EM STRUCTURE DETERMINATION:
FSC INDEPENDENT VALIDATION AND OPTIMIZED DATA ACQUISITION

By
JOSHUA HERBERT MÉNDEZ

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

2020

Joshua Herbert Méndez defended this dissertation on November 06, 2020.

The members of the supervisory committee were:

Scott Stagg

Professor Co-Directing Dissertation

David Van Winkle

Professor Co-Directing Dissertation

Elizabeth Stroupe

University Representative

Nicholas Bonesteel

Committee Member

Paul Eugenio

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.