

FLORIDA STATE UNIVERSITY
COLLEGE OF ARTS AND SCIENCES

SEARCH FOR A LIGHT PSEUDOSCALAR HIGGS BOSON IN THE TWO HIGGS
DOUBLET MODEL AND OPERATIONS, COMMISSIONING OF THE CMS PHASE-1
PIXEL DETECTOR

By

REDWAN MD HABIBULLAH

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The members of the supervisory committee were:

Rachel Yohay
Professor Directing Dissertation

Jonathan Dennis
University Representative

Andrew Warren Askew
Committee Member

Volker Crede
Committee Member

Takemichi Okui
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.