

THE UNIVERSITY OF CHICAGO

THE SEARCH FOR SUPERSYMMETRY IN HADRONIC FINAL STATES USING
BOOSTED OBJECT RECONSTRUCTION

A DISSERTATION SUBMITTED TO
THE FACULTY OF THE DIVISION OF THE PHYSICAL SCIENCES
IN CANDIDACY FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY

DEPARTMENT OF PHYSICS

BY
GIORDON HOLTSBERG STARK

CHICAGO, ILLINOIS

JUNE 2018