



University of Zagreb

FACULTY OF SCIENCE

Jelena Luetić

**Measurement of the cross section for
associated production of a W boson and
two b quarks with the CMS detector at the
Large Hadron Collider**

DOCTORAL THESIS

Zagreb, 2015.



University of Zagreb

FACULTY OF SCIENCE

Jelena Luetić

**Measurement of the cross section for
associated production of a W boson and
two b quarks with the CMS detector at the
Large Hadron Collider**

DOCTORAL THESIS

Supervisor:

Professor Vuko Brigljević, PhD

Zagreb, 2015



Sveučilište u Zagrebu

PRIRODOSLOVNO MATEMATIČKI FAKULTET

Jelena Luetić

**Mjerenje udarnog presjeka zajedničke
tvorbe W bozona i para b kvarkova
detektorom CMS na Velikom hadronskom
sudarivaču**

DOKTORSKI RAD

Mentor:

Prof. dr. sc. Vuko Brigljević

Zagreb, 2015.

Doktorski rad izrađen je na Sveučilištu u Zagrebu, Prirodoslovno-matematičkom fakultetu

Mentor: prof. dr. sc. Vuko Brigljević

Doktorski rad ima: 130 stranica

Doktorski rad br.: _____