

# **Searches for invisibly decaying Higgs bosons with the CMS detector**

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## **Abstract**

## Declaration

This dissertation is the result of my own work, except where explicit reference is made to the work of others, and has not been submitted for another qualification to this or any other university. This dissertation does not exceed the word limit for the respective Degree Committee.

Patrick Dunne

## Acknowledgements

Of the many people who deserve thanks, some are particularly prominent, such as my supervisor...

## Preface

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# Chapter 1

## Introduction

Let's cite something [\[1\]](#)

## **Chapter 2**

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### **2.1 The LHC**

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## **Chapter 3**

# **Event Reconstruction**

## **Chapter 4**

### **Search for invisibly decaying Higgs bosons**



# Bibliography

- [1] S. Weinberg, “A MODEL OF LEPTONS”, *Phys. Rev. Lett.* **19** (1967) 1264–1266.

## **List of Acronyms**