

# **Search for Heavy Neutral Lepton Production and Decay with the IceCube Neutrino Observatory**

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**Colophon**

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## **Zusammenfassung**

Zusammenfassung ...

## **Abstract**

Abstract ...



# Contents

<b>Abstract</b>	<b>iii</b>
<b>Contents</b>	<b>v</b>
<b>1 Introduction</b>	<b>1</b>
<b>2 Standard Model Neutrinos</b>	<b>3</b>
2.1 Standard Model Particles . . . . .	4
2.1.1 Electroweak Symmetry Breaking . . . . .	4
2.1.2 Charged Fermion Masses . . . . .	4
2.1.3 Neutrino Masses . . . . .	4
2.1.4 See-Saw Mechanisms . . . . .	4
2.1.5 Radiative Neutrino Masses . . . . .	4
2.2 Neutrino Properties . . . . .	4
2.2.1 Quantum Numbers . . . . .	4
2.2.2 Mass . . . . .	4
2.2.3 Active Neutrino Flavors . . . . .	4
2.3 Neutrino Interactions . . . . .	4
2.3.1 Weak Interactions after Symmetry-Breaking . . . . .	4
2.3.2 Neutrino-Lepton Scattering . . . . .	4
2.3.3 Neutrino Interactions with Nuclei . . . . .	4
<b>3 Beyond the Standard Model Neutrinos</b>	<b>5</b>
3.1 Neutrino Oscillations . . . . .	5
3.1.1 Vacuum Oscillations . . . . .	5
3.1.2 Oscillations in Matter . . . . .	5
3.1.3 Three-Flavor Oscillations . . . . .	5
3.1.4 Atmospheric Neutrino Oscillations . . . . .	5
3.1.5 Solar neutrinos . . . . .	5
3.1.6 Reactor neutrinos . . . . .	5
3.1.7 Accelerator neutrinos . . . . .	5
3.1.8 Anomalies in Neutrino Oscillation Measurements . . . . .	5
3.2 Heavy Neutral Leptons . . . . .	5
3.2.1 Extending . . . . .	5
3.2.2 Global Constraints on HNL mixing . . . . .	5
3.3 Open Questions in Neutrino Particle Physics . . . . .	5
<b>4 The IceCube Neutrino Observatory</b>	<b>7</b>
4.1 The IceCube In-Ice Array . . . . .	7
4.1.1 In-Ice Array . . . . .	7
4.1.2 IceTop . . . . .	7
4.1.3 Digital Optical Modules . . . . .	7
4.2 Propagation of particles in ice . . . . .	7
4.2.1 Cherenkov Effect . . . . .	7

4.2.2	Muons . . . . .	7
4.2.3	Electromagnetic Showers . . . . .	7
4.2.4	Hadronic Showers . . . . .	7
4.3	Particle Signatures in IceCube . . . . .	7
4.3.1	Neutrinos . . . . .	7
4.3.2	Atmospheric muons . . . . .	7
<b>5</b>	<b>Signal Simulation</b>	<b>9</b>
5.1	Model Independent Simulation . . . . .	9
5.2	Model Specific Simulation . . . . .	9
<b>6</b>	<b>Search for an Excess of Heavy Neutral Lepton Events</b>	<b>11</b>
	<b>Appendices</b>	<b>III</b>
<b>A</b>	<b>First Appendix</b>	<b>V</b>

# Introduction

# 1

Introduction . . . + test reference [1]







# Standard Model Neutrinos

# 2

<b>2.1 Standard Model Particles</b>	<b>4</b>
2.1.1 Electroweak Symmetry Breaking . . . . .	4
2.1.2 Charged Fermion Masses	4
2.1.3 Neutrino Masses . . . . .	4
2.1.4 See-Saw Mechanisms . . .	4
2.1.5 Radiative Neutrino Masses	4
<b>2.2 Neutrino Properties</b>	<b>4</b>
2.2.1 Quantum Numbers . . . .	4
2.2.2 Mass . . . . .	4
2.2.3 Active Neutrino Flavors .	4
<b>2.3 Neutrino Interactions</b>	<b>4</b>
2.3.1 Weak Interactions after Symmetry-Breaking . . . .	4
2.3.2 Neutrino-Lepton Scattering	4
2.3.3 Neutrino Interactions with Nuclei . . . . .	4

## 2.1 Standard Model Particles

### 2.1.1 Electroweak Symmetry Breaking

### 2.1.2 Charged Fermion Masses

### 2.1.3 Neutrino Masses

Dirac

Majorana

### 2.1.4 See-Saw Mechanisms

### 2.1.5 Radiative Neutrino Masses

## 2.2 Neutrino Properties

### 2.2.1 Quantum Numbers

### 2.2.2 Mass

### 2.2.3 Active Neutrino Flavors

## 2.3 Neutrino Interactions

### 2.3.1 Weak Interactions after Symmetry-Breaking

### 2.3.2 Neutrino-Lepton Scattering

Particle-Antiparticle Scattering

### 2.3.3 Neutrino Interactions with Nuclei

Charged-current Quasi-elastic Scattering

Resonant Scattering

Deep Inelastic Scattering

# Beyond the Standard Model

## Neutrinos

# 3

### 3.1 Neutrino Oscillations

#### 3.1.1 Vacuum Oscillations

#### 3.1.2 Oscillations in Matter

#### 3.1.3 Three-Flavor Oscillations

#### 3.1.4 Atmospheric Neutrino Oscillations

##### Neutrino Production in the Atmosphere

##### Oscillations of Atmospheric Neutrinos

##### Matter Effects

#### 3.1.5 Solar neutrinos

#### 3.1.6 Reactor neutrinos

#### 3.1.7 Accelerator neutrinos

#### 3.1.8 Anomalies in Neutrino Oscillation Measurements

### 3.2 Heavy Neutral Leptons

#### 3.2.1 Extending

#### 3.2.2 Global Constraints on HNL mixing

### 3.3 Open Questions in Neutrino Particle Physics

3.1 Neutrino Oscillations . . .	5
3.1.1 Vacuum Oscillations . . .	5
3.1.2 Oscillations in Matter . . .	5
3.1.3 Three-Flavor Oscillations .	5
3.1.4 Atmospheric Neutrino Oscillations . . . . .	5
3.1.5 Solar neutrinos . . . . .	5
3.1.6 Reactor neutrinos . . . . .	5
3.1.7 Accelerator neutrinos . . .	5
3.1.8 Anomalies in Neutrino Oscillation Measurements	5
3.2 Heavy Neutral Leptons . .	5
3.2.1 Extending . . . . .	5
3.2.2 Global Constraints on HNL mixing . . . . .	5
3.3 Open Questions in Neu- trino Particle Physics . . .	5



# The IceCube Neutrino Observatory

# 4

## 4.1 The IceCube In-Ice Array

### 4.1.1 In-Ice Array

DeepCore

### 4.1.2 IceTop

### 4.1.3 Digital Optical Modules

## 4.2 Propagation of particles in ice

### 4.2.1 Cherenkov Effect

### 4.2.2 Muons

### 4.2.3 Electromagnetic Showers

### 4.2.4 Hadronic Showers

## 4.3 Particle Signatures in IceCube

### 4.3.1 Neutrinos

### 4.3.2 Atmospheric muons

4.1 The IceCube In-Ice Array	7
4.1.1 In-Ice Array . . . . .	7
4.1.2 IceTop . . . . .	7
4.1.3 Digital Optical Modules .	7
4.2 Propagation of particles in ice . . . . .	7
4.2.1 Cherenkov Effect . . . . .	7
4.2.2 Muons . . . . .	7
4.2.3 Electromagnetic Showers .	7
4.2.4 Hadronic Showers . . . . .	7
4.3 Particle Signatures in IceCube . . . . .	7
4.3.1 Neutrinos . . . . .	7
4.3.2 Atmospheric muons . . . . .	7



## 5.1 Model Independent Simulation

5.1 Model Independent Simulation . . . . . 9

## 5.2 Model Specific Simulation

5.2 Model Specific Simulation . 9





# **Search for an Excess of Heavy Neutral Lepton Events**

**6**



# Bibliography

- [1] R. Abbasi *et al.* (IceCube), *Astropart. Phys.* **35**, 615 (2012), [arXiv:1109.6096 \[astro-ph.IM\]](#).



# Appendices



# First Appendix

**A**





# List of Figures



## List of Tables



## Todo list



# Acknowledgements

Who to thank for this mess?!

