

# Neutrinos via Charm Decays in Astrophysical Sources

by

FRITZ ALI AGILDERE

[fritz.agildere@udo.edu](mailto:fritz.agildere@udo.edu)

# Abstract

## Abbreviations

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# 1 Introduction

test [1]

## 2 Background

### 2.1 Particle Physics

### 2.2 Multimessenger Astronomy

### 2.3 Astrophysical Sources

#### 2.3.1 Magnetars

#### 2.3.2 Active Galactic Nuclei

## 3 Results

## 4 Conclusion & Outlook



## Acknowledgements

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# Bibliography

<sup>1</sup>J. A. Carpio, K. Murase, M. H. Reno, I. Sarcevic, and A. Stasto, “Charm contribution to ultrahigh-energy neutrinos from newborn magnetars”, *Physical Review D* **102**, 10.1103/physrevd.102.103001 (2020).

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