

Abstract

**Measurement of the positive kaon-argon total
hadronic differential cross section in the LArIAT
experiment**

Elena Gramellini

2017

Abstract goes here. Limit 750 words.

Measurement of the positive kaon-argon
total hadronic differential cross section in
the LArIAT experiment

A Dissertation
Presented to the Faculty of the Graduate School
of
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in Candidacy for the Degree of
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by
Elena Gramellini

Dissertation Director: Bonnie T. Fleming

Date you'll receive your degree
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Introduction

Your first chapter is probably an introduction. But who knows.

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2.1.2 Neutrino Oscillations

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2.2 Rare Decay Searches

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LArIAT: Liquid Argon In A Testbeam

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Kaon Interactions in Argon

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Chapter 5

Data Collection

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Chapter 6

Energy Calibration

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Chapter 7

Tracking Optimization

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Chapter 8

Kaon Cross Section Measurement

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Appendix A

Construction of A Cosmic Ray

Tagger for MicroBooNE