

UNIVERSITY OF CALIFORNIA
Los Angeles

**Integration and Goal-Guided Scheduling of Bottom-Up
and Top-Down Computing Processes in Hierarchical
Models**

A dissertation submitted in partial satisfaction
of the requirements for the degree
Doctor of Philosophy in Physics

by

Your Official Name

2017

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ABSTRACT OF THE DISSERTATION

**Integration and Goal-Guided Scheduling of Bottom-Up
and Top-Down Computing Processes in Hierarchical
Models**

by

Your Official Name

Doctor of Philosophy in Physics

University of California, Los Angeles, 2017

Professor Chair's name 1, Chair

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The dissertation of Your Official Name is approved.

Committee Member 1 Name

Committee Member 2 Name

Committee Member 3 Name

Chair's name 1, Committee Chair

University of California, Los Angeles

2017

*To my mother . . .
who—among so many other things—
saw to it that I learned to touch-type
while I was still in elementary school*

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ACKNOWLEDGMENTS

(Acknowledgments omitted for brevity.)

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PUBLICATIONS

- [1] Alexander Kusenko, Masahiro Kawasaki, Lauren Pearce, and Louis Yang, “Relaxation leptogenesis, isocurvature perturbations, and the cosmic infrared background,” (2017), [arXiv:1701.02175 \[hep-ph\]](#) .
- [2] Alexander Kusenko, Lauren Pearce, and Louis Yang, “Leptogenesis via the 750 GeV pseudoscalar,” *Phys. Rev.* **D93**, 115005 (2016), [arXiv:1604.02382 \[hep-ph\]](#) .
- [3] Helene Gertov, Francesco Sannino, Lauren Pearce, and Louis Yang, “Baryogenesis via Elementary Goldstone Higgs Relaxation,” *Phys. Rev.* **D93**, 115042 (2016), [arXiv:1601.07753 \[hep-ph\]](#) .

CHAPTER 1

Introduction

For text, let's use the first words out of the ispell dictionary.

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