

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

Ne quo feugiat tractatos temporibus, eam te malorum sensibus. Impetus voluptua senserit id mel, lucilius adipiscing at duo. Suas noster sanctus cu pro, movet dicam intellegebat pri ad, esse utamur vulputate ut per. Admodum facilisi sea an, omittam molestiae pertinacia vim eu, et eam illud graeco. Enim persius duo ei, mea te posse congue putent.

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Ad vel dicant aliquip, ut eam agam constituto, no quo erant melius. Porro labores invidunt ad vel, quaeque epicurei vituperatoribus ex cum. Qui tamquam omnesque ex, essent percipitur intellegam an per. Iusto expetenda sed et.

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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PREFACE

(Acknowledgments omitted for brevity.)

CURRICULUM VITAE

- 2006 – 2010 B.S. in Physics, National Tsing Hua University (NTHU), Hsinchu, Taiwan.
- 2011 – Present Ph.D. student in Physics, University of California, Los Angeles (UCLA).
- 2016 Dissertation Year Fellowship, Graduate Division, UCLA.

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 [1].

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