International Design Study for the Neutrino Factory

IDS-NF-0??

Interim Design Report

The IDS-NF collaboration

Abstract

The International Design Study for the Neutrino Factory (the IDS-NF) collaboration has been established by the Neutrino Factory community to deliver a Reference Design Report (RDR) for the facility by 2012/13.

More 'abstract stuff'.

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Contents

Executive summary

The International Design Study for the Neutrino Factory ...

I. INTRODUCTION

Introduction.

II. THE NEUTRINO FACTORY ACCELERATOR COMPLEX

Accelerator section.

III. NEUTRINO DETECTORS FOR THE NEUTRINO FACTORY

Detector section.

IV. NEUTRINO OSCILLATION PHYSICS

A. Status of neutrino oscillations

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1. How to do figures

As seen in figure 1. We use the `grapicx` package to handle figures.

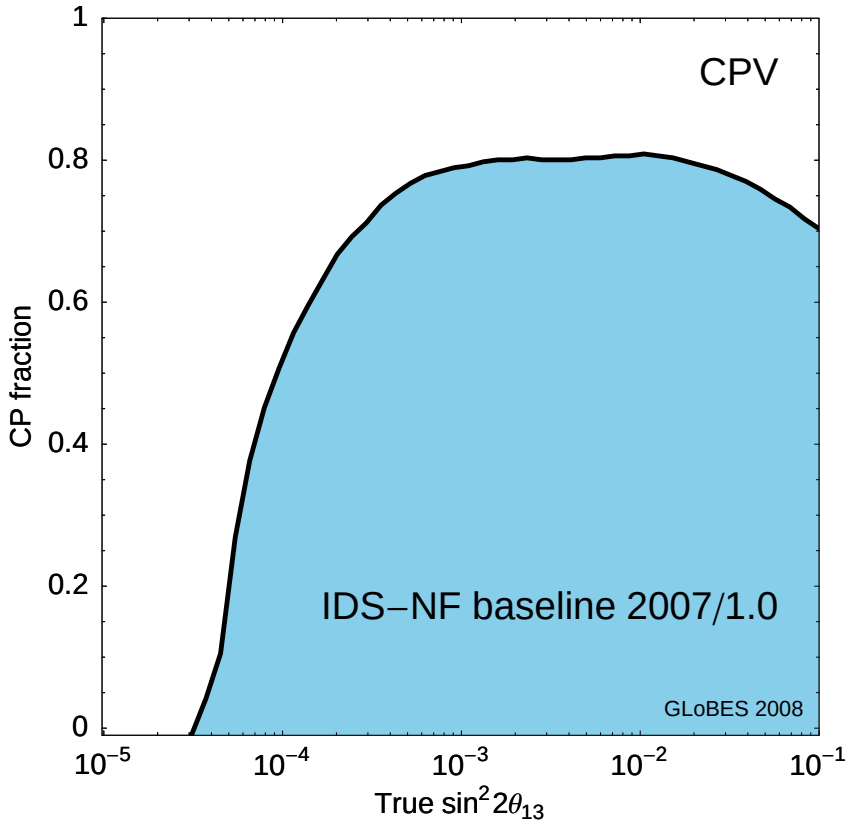

Figure 1: Claritas est etiam processus dynamicus, qui sequitur mutationem consuetudium lectorum. Mirum est notare quam littera gothica, quam nunc putamus parum claram, anteposuerit litterarum formas humanitatis per seacula quarta decima et quinta decima. Eodem modo typi, qui nunc.

2. How to do references

And this is how we do references [1]. It is absolutely crucial to use the SPIRES citation keys! The incantation to create the bibliography is:

```
latex Template.tex
bibtex Template
latex Template.tex
latex Template.tex
```

3. Scripts

When you unpack the tar ball you will find two scripts in the top director:

- MakeClean: Tidies up, removing temporary files, log files, etc. Useful to run if LaTeX crashes.
- MakeTemplate: 'Compiles' the LaTeX source and figures.

B. Near future limits on θ_{13}

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[1] A. Bandyopadhyay et al. (ISS Physics Working Group), Rept. Prog. Phys. **72**, 106201 (2009), 0710.4947.