

## “colbibtex” example

The Higgs boson is discovered in 2012 at the LHC [1].

This is an example with *colbibtex* script. We added a `@collapse` entry in the `.bib` file. Then the  $\text{\TeX}$  source is simpler and you do not have to cut-and-paste the `\cite` command from your old works. Meanwhile, `.bst` file should be modified<sup>1</sup>, and the compile is a bit complicated:

```
pdflatex example_colbibtex
colbibtex example_colbibtex
pdflatex example_colbibtex
pdflatex example_colbibtex
```

or

```
latexmk -e "\$bibtex='colbibtex'" example_colbibtex
```

## An invalid case

One may wrongly use the entry already collapsed in its bare form, like

The Higgs boson is discovered in 2012 at the LHC [1]. The paper by ATLAS collaboration [?] was posted on arXiv at 11:59:59 GMT on 31 July, while that by CMS [?] was at 13:27:18 GMT.

In this case, both “bared” entry remain as [?] because it is already used in the collapsed entry. **TODO: colbibtex should raise warnings.**

## References

- [1] **ATLAS** Collaboration, Phys. Lett. **B716** (2012) 1–29 [arXiv:1207.7214]; **CMS** Collaboration, Phys. Lett. **B716** (2012) 30–61 [arXiv:1207.7235].

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<sup>1</sup>You can just use the file `utphys27mod(.wotitle).bst` included in this example.