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1 TITLE 1

If you want, here write an abstract or a preamble to your contribution.

1.1 subsection 1

To cite a paper, use bibtex:

Examples: Les Houches 2015 report [1], paper [2], tHV [3], and again [3]

Please remember to put the paper in the local bib file in the project directory, see projname.bib. Someone will take care of processing this file for the main document if it's not done automatically, but the file needs to be a standard bib file, compliant with the rules...!

To reference and create labels within your contribution, use the conventions

fig:SM_projname:figname

eq:SM_projname:eqname

sec:SM_projname:secname

Examples:

– Equation:

$$E = mc^2 (1)$$

Eq. (1) is very nice, and it is included in Sec. 1.1.

- Figure: In Fig. 1 there's a plot:

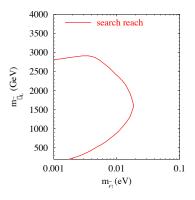


Fig. 1: ...caption...

To use macros, define them locally, but then un-define them at the end of your local tex file.

Examples "HERWIG" is written using a macro, which is defined in the local tex file, and undefined at the end of it.

1.2 you can write subsections...

Example of citation: in Ref. [4]

1.2.1 and subsubsections...

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References

- [1] J. R. Andersen et al., Les Houches 2015: Physics at TeV Colliders Standard Model Working Group Report, in 9th Les Houches Workshop on Physics at TeV Colliders (PhysTeV 2015) Les Houches, France, June 1-19, 2015. 2016. arXiv:1605.04692 [hep-ph]. http://lss.fnal.gov/archive/2016/conf/fermilab-conf-16-175-ppd-t.pdf.
- [2] ATLAS Collaboration, M. Aaboud et al., Measurement of $W^{\pm}W^{\pm}$ vector-boson scattering and limits on anomalous quartic gauge couplings with the ATLAS detector, Phys. Rev. **D96** (2017) 012007, arXiv:1611.02428 [hep-ex].
- [3] G. 't Hooft and M. J. G. Veltman, *Regularization and Renormalization of Gauge Fields*, Nucl. Phys. **B44** (1972) 189–213.
- [4] G. Bélanger, F. Boudjema, A. Pukhov, and A. Semenov, *micrOMEGAs4.1: two dark matter candidates*, Comput. Phys. Commun. **192** (2015) 322–329, arXiv:1407.6129 [hep-ph].