
Higgs boson and SUSY searches

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Reviews

- Higgs: [*G. Bernardi, M. Carena, T. Junk*]

new, Nov. 07

incorporates latest Tevatron results, outlook on the LHC

→ see *G. Bernardi's talk*

- SUSY, part I (theory): [*H.E. Haber*]

updated, Oct. 07

- SUSY, part II (experiment): [*J.-F. Grivaz*]

new, Aug. 07

incorporates latest results from Tevatron, HERA, LEP

Particle Listings

Encoders: A. de Gouvea, K. Hikasa, K. Olive, L. Pape

Thanks a lot for their great work!

Also many thanks to Piotr Zyla!

The listings (in particular for SUSY) are so diverse that it is not easy to implement common standards for the comments: level of detail, notations, etc.

It could be useful to introduce some common standards / templates in the future

Summary tables

Need to clearly state the relevant assumptions used in obtaining certain limits:

- SUSY Higgs: benchmark scenario, . . .
- Lightest neutralino (stable): gaugino mass unification at the GUT scale, . . .
- . . .