

- 1) People introduced themselves.
- 2) Reisaburo introduced the mandate of the group and the sub-group structure and convener names  
(see slides: [http://cern.ch/reisaburo.tanaka/Higgs/Higgs\\_2010-02-03.pdf](http://cern.ch/reisaburo.tanaka/Higgs/Higgs_2010-02-03.pdf))
- 3) The first workshop will be held in Freiburg the 12 and 13 of April (starting Monday 12 April at 9:00 and ending early afternoon the 13 of April). Markus Schumacher is the local organizer and will send us information ASAP (via email and via twiki page).

The structure of the meeting will be the following:

each group will have 30 minutes talk +30 minutes discussion.

All plenary session. We will end with a global discussion on the plan of future work.

**ACTION ITEM:** For each of the sub groups, contacts should get together and start working in order to produce results already by Freiburg. Cross sections at 7 TeV and for Higgs masses ranging from 90 to 500 (?) GeV should be computed, and automatic common tools should be prepared. Moreover the interferences between signal and background should be estimated. The time scale and priorities will be decided within each subgroup.

As inputs to the calculations, as discussed in Torino:

- a) top mass 172.5 +- 2.5 GeV
- b) b-quark mass 4.2 GeV
- c) PDF and  $\alpha_s$  as from Joey Huston talk:  
<http://indico.cern.ch/getFile.py/access?contribId=9&resId=1&materialId=slides&confId=77439>
- d) QCD scale defined by each subgroup.
- e) SUSY benchmarks to be defined.

We will link the complete SM inputs to the twiki.

- 4) We will keep the twiki page up to date and we will make it easy to read and to add material.  
<https://twiki.cern.ch/twiki/bin/view/LHCPhysics/HiggsTwikiPage>
- 5) Discussion is still on going on the repository (GENSER, SVN, GIT...).  
**ACTION ITEM:** We can start add, on the twiki page, the link to the codes in order to have them "public" and available for work.
- 6) We suggest that Contacts for each group should look for contributors both in experiments and theory (we are not expecting that contact people do all the work by themselves!)
- 7) We recommend to hold one or two subgroup meeting(s) before Freiburg. Please announce the eventual meeting to the list [lhc-higgs@cern.ch](mailto:lhc-higgs@cern.ch), so that interested people can join. Also please use InDico system at CERN, which is in preparation, to make our activities open.
- 8) Remember that the goal is to arrive in Freiburg with some work done, so...

LET'S START WORKING TOGETHER!!