Flavor Les Houches Accord meeting - Les Houches - June 19, 2009 3:00pm
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Present

Kaustubh AGASHE, Genevieve BELANGER, Fawzi BOUDJEMA, Siba DAS, Sabine KRAML, Nazila MAHMOUDI,
Margarete MUHLLEITNER, Juergen REUTER, Pietro SLAVICH

Summary

1- We agreed on the idea of creating a standard accord (FLHA) for the flavor related quantities.
That will allow to different programs to talk and to be interfaced, and to users to have a clear and
well-defined result that can eventually be used for different purposes.

2- The FLHA should be model independent and stand-alone.

3- The FLHA should keep the same structure as the SLHA, but with different content.

4- The accord will define ONLY the new blocks concerning flavor quantities. The FLHA file can
however include also the SLHA blocks if wished.

5- The new blocks should have different names from the SLHA blocks to remove any ambiguity (and
contain only new quantities). For instance, the FLHA block names can start with "F".

6- We will not change (extend) the existing SLHA blocks. For example to specify the model
(supersymmetry, extradimension,...) a new block can be introduced.

7- In the same footing, the MASS block will contain only SLHA cases. For hadron masses another block
should be introduced.

8- Re the Wilson coefficients, it is preferable to have only one operator basis. On the other hand
they can be given at different scales.

9- We should have a well defined and as much as possible complete set of operators for flavor
observables (not only b->s gamma) based on which the Wilson coefficients are calculated and given.

10- It will be useful to introduce a block for the theoretical errors.

11- We should find a convenient labeling for the flavor observables.

12- It will be useful to give also the SM prediction for the flavor observables.

13- We do not need to provide the experimental values.

14- It would be interesting to contact Will Reece (LHCb experimentalist) to find out what are his
specific needs from FLHA.

Based on the above, we will modify my first proposal and prepare a new one and discuss it again.
Once we more or less agree on the proposal we will circulate it to other flavor experts to get
feedback and eventually to add/modify the blocks.