status of each StudyGroup write-up

Chapter 2: Hadronic Uncertainties (~20p.)

- Overview (WG2 Conveners)
- Non-perturbative input from lattice QCD
- Non-perturbative input from QCDSR
- Exclusive decays

(Buchalla + contrib)

Chapter 3: New Physics in Benchmark Channels (~100p.)

- Prospects for existing and future facilities (WG2 Conveners + contrib) (10 p.)
- Benchmark channels:
  - Radiative penguin decays (Gambino, Golutvin + contrib) (10 p.)
  - Electroweak penguin decays (Feldmann, Berryhill + contrib) (10 p.)
  - Neutrino modes (Grossman, Iijima + contrib) (10 p.)
  - Very rare decays (Nierste, Smizanska + contrib) (10 p.)
  - UT angles (tree-dominated) (Soni, Bona, Trabelsi, Wilkinson + contrib) (10 p.)
  - B_s mixing (Lubicz, van Hunen + contrib) (10 p.)
  - $b \to s$, $b \to d$ hadronic decays (Ciuchini, Muheim + contrib) (10 p.)
  - K decays (Buras, Komatsubara + contrib) (10 p.)
  - Charm decays (Fajfer, Asner + contrib) (10 p.)

discussion in Tuesday afternoon (and Wednesday morning)

Chapter 1: New Physics Scenarios (~40 p.)

- Overview (WG2 Conveners) (3 p.)
- SUSY (MFV, non-MFV, Specific) (Benchmark Models contact persons + contrib) (15 p.)
- Non-SUSY (Benchmark Models contact persons + contrib) (7 p.)
- Model independent analyses (Benchmark Models contact persons + contrib) (7 p.)
- Methods and tools (Tools contact persons + contrib) (8 p.)

Chapter 4: Assessments (~30p.)

- New physics patterns and correlations (WG2 Conveners + Isidori + Okada + contrib) (10 p.)
- Connections to high-pt and lepton physics (WG2 Conveners + Parodi + Heinemeyer + contrib) (10 p.)
- Discrimination between NP scenarios (WG2 Conveners + Isidori + Okada + contrib) (10 p.)

hadronic uncertainties

- Overview
- Charmless two-body B decays
  - theory
  - Higher-order QCD corrections
  - QED corrections to hadronic B decays
- Light-cone QCD sum rules
- Lattice QCD

example of write-up:

Contents

example of Reference:

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status of each StudyGroup write-up

next update by Wednesday morning !

- Hadronic uncertainties

- Radiative Penguin Decays
- Electroweak Penguin Decays
- Neutrino modes
- Very rare decays
- UT angles (tree-dominated)
- Bs-Bsbar mixing
- b->s and b->d hadronic transitions
- Kaon decays
- Charm decays