INTALENT
UDC - INDITEX

MINISTERIO
DE CIENCIA, INNOVACIÓN
Y UNIVERSIDADES

UNIÓN EUROPEA
FONDO EUROPEO DE
DESARROLLO REGIONAL
"Una manera de hacer Europa"

AGENCIA
ESTATAL DE
INVESTIGACIÓN

XUNTA
DE GALICIA

Status of Zenodo migration

29 June 2026

Veronika Chobanova
on behalf of the b-hadron lifetimes and oscillation parameters group

Json file

- Requested optional additions to the Zenodo format
  - Code that produces json files to be adapted depending on which additions are implemented.
- All our averages are in CoCo (outputs are json files), therefore automating averaging to FAIR format
  - Would it be useful to have a generic code across multiple groups, e.g. added to CoCo?

- Proposed additions to the naming convention
  https://gitlab.cern.ch/hflav/averaging/-/blob/main/naming.md
  - Merge request with the suggestions submitted by Olivier S.

Webpage

- Work to start based on information provided today

BACKUP

Suggested changes (e-mails 20-21 May on hflav-fair@cern.ch)

1) Additional keys suggested

- **“comment” to “groups” dictionary** (with a string value)

  Would allow us to comment in general on the whole average, especially useful for global comments in multidimensional averages

- **“HFLAVcode” to “averages” dictionary** (with a string value, internal to our HFLAV sub-group)

  We used this both as a unique identifier to the average and to generate macros for the write-up. It would be useful to also automatically propagate information to the web.

- “**plots” to the dictionaries listed in “groups” or “averages”** (with a list of strings, containing the names of the plots uploaded in the Zenodo record)

- **“scalefactor” in the “average” dictionary**

  Specific for our group so far.

- **“PDGrefid” in the “references” dictionaries**

  Correspond to PDG NODEs, e.g. NODE=S086LAM

2) Naming convention (https://gitlab.cern.ch/hflav/averaging/-/blob/main/naming.md)

- Complete convention adding
  - “M” for mass
  - “G” for decay width
  - “X” for relative mass difference
  - “Y” for half decay width difference
  - “CHI” for integrated mixing probability
  - “|Q..P|”for |q/p| (since the rule is that two dots indicate the ratio of two parameters)
  - “ASL” for semileptonic asymmetry
  - “PHI” for phase caused by interference between B mixing and and decay

- We also miss some particle names in the naming conventions, e.g. the heavy and light Bs mass eigenstates, or long and short Bs mass eigenstates.