Intro

Ulrik and Mirco

All-hands meeting — June 29, 2026

New members

- Lifetime & OS:
  Valeriia Lukashenko (Zurich, CMS)

- Charm Decays:
  Marianna Fontana (INFN Bologna, LHCb),
  Xiang Pan (IHEP, BES-III)

- Charm CPV & OS:
  Michel Bertemes (MBI, Vienna, Belle II)

Thanks

- Lifetime & OS:
  Martino Margoni (Padova, CMS)

- Charm Decays:
  Paras Naik (Liverpool, LHCb),
  Hailong Ma (IHEP, BES-III)

Reminder: 2026 plan

- **April 2026: partial upload** of our results to Zenodo https://zenodo.org/communities/hflav. **DONE**.

- Next priorities: website development and full Zenodo upload

  - **All results on Zenodo by October 15**.
    Based on the experience gained, the goal is realistic, but each working group should be already working on it.

  - **New website, based on Zenodo records**.
    Online from September, in parallel with the old website.
    Fully migrated by November.

How to cite us: spread around

- We updated our citation policy

S. Banerjee et al. (Heavy Flavor Averaging Group),
Averages of b-hadron, c-hadron, and tau-lepton properties as of 2023,
Phys. Rev. D113 (2026) 012008,
with specific result(s) from doi:10.5281/zenodo.19446771.

```
@article{HFLAV:2024ctg,
  author = "Banerjee, Sw. and others",
  collaboration = "Heavy Flavor Averaging Group (HFLAV)",
  title = "{Averages of $b$-hadron, $c$-hadron, and $\tau$-lepton properties as of 2023}",
  eprint = "2411.18639",
  archivePrefix = "arXiv",
  primaryClass = "hep-ex",
  doi = "10.1103/x87q-tld5",
  journal = "Phys. Rev.",
  volume = "D113",
  number = "1",
  pages = "012008",
  year = "2026"
  note = "{with specific result from \href{https://doi.org/10.5281/zenodo.19446771}
{{\texttt{doi:10.5281/zenodo.19446771}}}}"
}
```

- Remember to use it and disseminate within the Collaborations.

Agenda

HFLAV all-hands

Monday 29 Jun 2026, 13:00 → 14:00 Europe/Zurich

zoom HFLAV all-hands — Join

13:00 → 13:05 **News** — 5m

13:05 → 13:30 **New website presentation** — 25m

Speakers: Mirco Dorigo (INFN Trieste), Ulrik Egede (Monash University (AU))

13:30 → 13:45 **New features in Zenodo schema and API** — 15m

Speaker: Ulrik Egede (Monash University (AU))

13:45 → 14:00 **WGs status for October update** — 15m

New webpage

Moving away from Drupal website

- Motivation to improve the website already discussed (March 2026, Sept 2025).
- Want to have:
  - **Automatisation.** No result put by hand, only from Zenodo records, with clear references to DOIs.
  - **Homogeneity.** Similar logic and style across the WGs.
  - **Consistency.** Regular synchronous updates, giving full new editions — few exception still possible. Inform about our update plan, keep past averages clearly separated.
  - **Cleaner pages.** Averages/results oriented. Explain differences between us and PDG.
- **CERN is dismissing DRUPAL**. We need to move to the new pages by September. EOS pages will still exist (for the moment).

New project

- CERN offers two options: gitlab-based and Wordpress.
- **Gitlab** matches better our need of having a structured website. The site is built in **MkDocs**, and is written in **MarkDown**. Can contain HTML blocks, rendered in the browser with **JavaScript** files.
  - https://gitlab.cern.ch/hflav/website/hflav-web
  - README provide instructions for installation and local test.
- For now, the website lives here:
  - https://hflav-egede.docs.cern.ch/
  - Guide: https://hflav-egede.docs.cern.ch/methodology/website.html

Structure

General structure

The website is built with MkDocs and the Material theme.

The main pieces are:

- `mkdocs.yml` : global site configuration, navigation, CSS, JavaScript, Markdown extensions
- `docs/` : Markdown source for all pages
- `docs/extra_javascript/` : shared and WG-specific client-side rendering helpers
- `docs/stylesheets/` : custom CSS

Release directories

The website is organized by release.

Current pattern:

- `docs/averages/<release>/...`
- `docs/pdg/<release>/...`

Example:

- `docs/averages/2026_april/tau/index.md`
- `docs/pdg/2026_april/tau/index.md`

```
docs/
├── index.md
├── averages/
│   ├── index.md
│   └── 2026_april/
│       ├── tau/
│       ├── rare/
│       ├── btocharm/
│       ├── bfractions/
│       ├── lifeos/
│       └── unitarity/
├── pdg/
│   ├── index.md
│   └── 2026_april/
│       ├── tau/
│       ├── bfractions/
│       ├── lifeos/
│       └── unitarity/
├── historic/
│   ├── index.md
│   ├── hflav/
│   └── pdg/
├── methodology/
├── api/
├── about/
├── publications/
├── licence/
├── extra_javascript/
└── stylesheets/
```

Workflow

- We decide to do a new edition corresponding to **a new Zenodo update** (eg. **October 2026**)

- In the project:

  1. (Mirco/Ulrik) **copy** the previous release directory to a new one:
     docs/averages/2026_april/ —> docs/averages/2026_october/

     - Unlink the current release directory from “latest average” and promote it to the “historical" page

  2. (Each WG) **update the WG pages in the new release**.
     For most of the cases, we only need to change the Zenodo DOI.
     When done, **create a merge request**, which must be approved by us.

- Check the full website in a private version. If OK, will go online.

Plan

- Each WG should identify website maintainer(s).
- Text/explore the initial draft, have a look to the examples and the guide. Understand the needs for your WGs:
  - Physics organisation of the results, which table/plot modes, background information would you need?
  - Are the information in the Zenodo json enough/correct? Do you need to expand?
  - Are the provided functionalities enough? What should be changed.
- **Provide feedback (July)**. We will also setup a group for discussion.