Getting started with `flavio`:

- Online documenation: https://flav-io.github.io/docs
- Lecture on `flavio`
    - watch video recording: https://bit.ly/3HyGvZB
    - start interactive slides: https://bit.ly/2G60WSs (try out the examples!)
    - download interactive slides from GitHub and run them locally: https://github.com/peterstangl/flavio-lecture
- Some experience with python will be useful

Proposed projects

Using and maybe extending flavio

- Beta decays [Beta decays in flavio] *(Adam)*
- Evaluating constraints on NP contributions to Wilson coefficients CL and CR from B → K(*)νν measurements [B→Kνν and B → K*νν in flavio] *(Lucas)*
- Angular Observables for the B_s → ϕee decay [B_s → ϕee in flavio] *(Gaelle)*
- B → K*τe [B → K*τe in flavio] *(Tommaso)*
- Including averages on Wilson Coefficients in HFLAV rare-decays *(Eli)*
- C7 and C7' in b->s gamma decays *(Tristan)*

Proposed projects

Extending flavio

- update experimental data
- implement $B_c \to J/\psi l\nu$ observables *(Olcyr)*
- implement $\Lambda_b \to \Lambda(1520)ll$ angular observables *(Felicia)*
- new feature to import experimental likelihoods, e.g. from ROOT files

We will continue online

- Select projects: https://doodle.com/poll/xvhxm8eqzhac9kdm
- Mattermost channel: https://mattermost.web.cern.ch/gdr-inf/channels/flavio-projects
- Project GitHub page:: https://github.com/flav-io/flavio
- Project coordinator: Peter Stangl (stangl@itp.unibe.ch)