

Interplay of quark & lepton flavours

Justine Serrano, Ana Teixeira

- ▶ **“Future experiments” Workshop** – first hints and general overview into charged lepton flavour violation (cLFV) and lepton flavour universality violation (LFUV);
Useful **“kick-off”** meeting for the WG (and not only!)

- ▶ **Dedicated workshop on “Quark & Lepton Flavours”:**

Some issues/questions

- **Timing:** May – early June (Beauty, Mass, ν , LHCb, ...) ✗
week of 18 June ✓ ●
week of 25 June ✓ ●
July (ICHEP, FPCP,...) ✗
- Too close to “Future experiments”? Too many GdR activities in 1st semester? Move to Fall? Winter 2019?
- **Funding** (traveling, accommodation, foreign speakers) ?

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- ▶ Dedicated workshop on “Quark & Lepton Flavours”
- ▶ **Format:** 2 day (four half-day blocks / sessions)
 - quarks, leptons (including neutrinos \rightarrow GdR ν),
 - interplay hadron-lepton FV (B,K $\rightarrow \mu e$ vs. $\mu \rightarrow e \gamma$, etc...)
 - general discussion (brainstorm for joint projects?)
- ▶ **Topics to address:**
 - Quark experimental review (B-factories & LHCb, NA62, ...)
 - Lepton experimental overview (MEG-Mu3e & COMET);
 - + review on neutrino oscillation status (exp)
 - Th/pheno contributions: more “technical”, given topics/models (models relating quark and lepton FV, charged lepton FV and ν oscillation – NSI, the Higgs portal to FV... ????? ...)