

RF2: weak decays of light & strange quarks

Lols received:

- ❖ **RF2-003**: High-luminosity J/ψ factory.
[CPV in hyperon decays; but also spectroscopy and dark sector searches:
of interest to **RF6**, **RF7**]

Lols definitely expected:

- ❖ NA62/KLEVER at CERN.
- ❖ REDTOP.
- ❖ JEF.
- ❖ Rare **K** decay theory (**4** contributions, possible overlap of topics).
- ❖ Rare η decay theory (**2** contributions).
- ❖ Lepton universality in kaon and pion decays.
- ❖ First-row CKM unitarity tests (3 contributions).
- ❖ Lattice QCD (3 contributions: ϵ'/ϵ , rare **K** decays, meson FFs).

Lols likely to be submitted:

- ❖ Kaon and hyperon physics at LHCb.
- ❖ Rare pion decays.