

# RF2: status of the white papers

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- (1) Rare  $\eta$  and  $\eta'$  decay theory (**th**)  
Editors: S.Tulin, possibly S.Gardner
- (2) Rare  $\eta$  and  $\eta'$  decay experiment (**exp**)  
Editors: C.Gatto, possibly L.Gan
- (3) Rare charged pion decays (LFU and  $V_{ud}$ ): PIONEER at PSI (**exp**)  
Editors: D.Bryman, D.Hertzog
- (4) Rare kaon decay theory (**th**)  
Editor: A.Buras
- (5) Rare kaon decay experiment (**exp**)  
Joint paper: NA62, KLEVER, KOTO, LHCb (editors identified)
- (6) Hidden sectors at kaon and hyperon factories (**th+exp**) **[by Jan 2022]**  
Exp contributions from NA62, KLEVER, KOTO, LHCb, BESIII, SCTFs  
Editors: E.Goudzovski, D.Redigolo, K.Tobioka, J.Zupan
- (7) CKM 1<sup>st</sup> row unitarity tests (**th**)  
Editor: E.Passemar

Interest expressed:

Lattice QCD for rare kaon decays (**th**): N.Christ, A.Portelli

Radiative kaon decays (**th**): G.D'Ambrosio, M.Knecht

Hyperon CPV studies at SCTF: A.Kupsc - **within TG2 remit?**