
EPFL
Testing Lepton Flavour Universality in $b \to s\ell^+\ell^-$ decays at LHCb
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What is Lepton Flavour Universality (LFU)?
Standard Model
Why $b \to s\ell^+\ell^-$ decays ?
Why the LHCb detector ?
A specific decay: $B^+ \to K^+\pi^+\pi^-\ell^+\ell^-$
Yields from fits
Efficiencies from simulation
Outlook
Experimental Setup
Dark count rate
Photon Detectio
Conclusions
STANCIA
METROS