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## Hadronic form factors for rare semi-leptonic $B$ decays

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We show first results for the computation of semi-leptonic form factors for rare  $B$  decays focusing in particular on  $B \rightarrow K^{(*)} \ell^+ \ell^-$  and  $B_s \rightarrow \phi \ell^+ \ell^-$ . Our setup uses domain-wall light quarks, relativistic  $b$  quarks, and the RBC/UKQCD 2+1 flavor gauge field configurations with domain-wall fermions and the Iwasaki gauge action.

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