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## **Masses and decay constants of $D^*(s)$ and $B^*(s)$ mesons in Lattice QCD with $N_f=2+1+1$ Twisted fermions**

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We present the results of a Lattice QCD determination of the heavy-light vector mesons masses and decay constants. The vector decay constants are relevant hadronic parameters that, for instance, can provide phenomenologically good descriptions of non-leptonic decay rates within the factorization approximation. Our calculation is based on the gauge configurations generated by the European Twisted Mass Collaboration with  $N_f = 2+1+1$  dynamical quarks. These are particularly suitable for charm physics, as the strange and charm quark masses are close to their physical values. The extension to the beauty-sector requires an extrapolation for which the ETMC ratio method has been applied.

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