## **Lattice meets Continuum**



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## Semileptonic B decays into final states with heavy sterile neutrinos

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 $B \to D^* \ell \nu$  decays are sensitive to contributions in which the missing energy and momentum stem from a hypothetical heavy sterile neutrino N. Belle II data on angular distributions in this decay are a used to search for hints  $B \to D^* \ell N$  in a model-independent way. To this end dimension-6 operators with different Dirac structures are considered and competitive upper bounds on some of their couplings are derived. I will show the allowed regions in the coupling-versus-mass plane and discuss the implications.

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