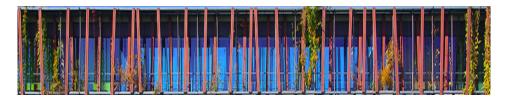
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The B -> $\pi \pi I \setminus bar\{\setminus nu\}$ transition

Monday 11 September 2023 17:00 (30 minutes)

is the smallest and least known of all CKM matrix elements; it's currently determined primarily through the exclusive process $B\to\pi\ell\bar\nu$, and additional channels to determine it are welcomed by the community. I will present progress toward a lattice QCD determination of the matrix from the $B\to\pi\pi\ell\bar\nu$ process, where the $\pi\pi$ system is in a P-wave and features the $\rho(770)$ resonance as an enhancement. After an overview of the theoretical framework, I will discuss some preliminary results.

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