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## Overview and challenges of semi-leptonic B decays and implications for new physics

*lundi 15 avril 2024 14:30 (25 minutes)*

We discuss the status of  $b \rightarrow sl+l^-$  decays in the post-RK(\*) era. We present a model-independent analysis of the  $b \rightarrow sl+l^-$  data and investigate the implications of the different sets of observables. Special emphasis will be given to the theoretical uncertainties and challenges.

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**Classification de Session:** Beyond the Standard Model

**Classification de thématique:** Beyond the Standard Model