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## Recent measurements of radiative and electroweak Penguin Decays at Belle

*Thursday, 6 July 2017 10:00 (30 minutes)*

Radiative and electroweak penguin B decays proceed through one loop diagrams at the lowest order. Since new particles beyond the Standard Model can enter in the loop, these processes are very sensitive to new physics. We will report on the recent results on inclusive and exclusive modes of radiative and electroweak penguin B meson decays, including  $B \rightarrow X_s \gamma$ ,  $K^* l^+ l^-$  and  $h \nu \bar{\nu}$ , based on the full data set of Belle containing 772 million  $B\bar{B}$  pairs.

### Experimental Collaboration

Belle

**Presenter:** WEHLE, Simon (DESY)**Session Classification:** Flavour and symmetries**Track Classification:** Flavour Physics and Fundamental Symmetries