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### $B_{u,d,s} \rightarrow \gamma$ Form Factor from LCSR at NLO

*Monday 23 September 2019 18:20 (25 minutes)*

An NLO computation of the  $B_{u,d,s} \rightarrow \gamma$  form factor in light-cone sum rules will be presented. I will compare aspects of the computation to more familiar  $B_s \rightarrow \phi$  form factor computations and give a physical interpretation of the photon distribution amplitude. I will discuss the extraction of the inverse moment of the  $B$ -meson distribution amplitude but most likely not present a definite number yet.

**Presenter:** ZWICKY, Roman (University of Edinburgh)

**Session Classification:** Flavor