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## Rare FCNF radiative leptonic decays $B \rightarrow \gamma l^+ l^-$

*Thursday 6 July 2017 12:00 (15 minutes)*

We report our recent results on rare radiative leptonic decays  $B \rightarrow \gamma l^+ l^-$  ( $l = \mu, e$ ) in the Standard Model. All necessary  $B \rightarrow \gamma$  transition form factors induced by the flavour-changing axial, vector, tensor, and pseudo-tensor  $b \rightarrow s, d$  transitions are calculated within the relativistic dispersion approach based on the constituent quark picture. Making use of the updated predictions for the form factors, we provide branching ratios and various differential asymmetries in these decays.

### Experimental Collaboration

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