



Contribution ID: 41

Type: **not specified**

## Form factors and differential distributions in rare radiative leptonic B-decays

*Monday 29 August 2016 16:00 (20 minutes)*

We analyze long-distance QCD effects in  $B_{d,s} \rightarrow \ell^+ \ell^- \gamma$  decays. Taking into account photon emission from the  $b$ -quark loop, weak annihilation, and Bremsstrahlung from leptons in the final state, we give predictions for dilepton spectrum and various asymmetries in  $B_{d,s} \rightarrow \ell^+ \ell^- \gamma$  decays within the Standard Model.

### Summary

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**Session Classification:** Section C

**Track Classification:** Section C: Heavy Quarks