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Photon Polarization in Radiative Bs Decays at LHCb

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The photon polarization in radiative Bs decays has been studied for the first time at LHCb using Run I data. Also it is discuss the ongoing analysis using Run II data, the time-dependent analysis of the $B_s \rightarrow \phi \gamma$ decay rate adding the information of the flavour of the Bs candidates at production.

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