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Type: **Ordinary**

ATLAS+CMS: Rare decays and other EW b-physics measurements

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In b decay tree-level process with W exchange is hardly modified by new physics beyond the standard model; the search for new physics hints can be done by exploiting the sensitivity of some processes to loop diagrams. Such processes include rare FCNC decays, whose branching ratio could be modified by the presence of new degrees of freedom in the loops. Another process where new physics could show itself is Bs meson mixing, where the CP violation phase is predicted by SM to be very small and the observation of a significant violation would indicate the presence of new processes.

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Classification de Session: Heavy Flavours

Classification de thématique: Experiment