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Bs -> J/psi phi at CMS

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The Bs meson is studied with the CMS detector at LHC. The time-dependent measurements of the Bs decay into J/Psi Phi and of the rate of the rare decay into mu mu potentially provide indirect constraints on physics beyond the Standard Model. This talk presents the first cross section measurement for Bs->J/Psi phi production based on data taken in 2010 and discusses prospects of the lifetime-difference and CP measurements with CMS.

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