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Evidence for the electroweak Z gamma production in association with two jets at sqrts = 8 TeV

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Evidence for electroweak associated production of a Z boson, a photon and two jets, where the Z boson decays into electron or muon pairs, is presented. The measurement is based on a sample of proton-proton collisions collected by the CMS detector at a center of mass energy of 8 TeV, corresponding to an integrated luminosity of 19.7fb–1. Limits on anomalous quartic gauge couplings are set with a binned profile likelihood method based on the MZA distribution.

Author: MEYER, Arnd (Rheinisch-Westfaelische Tech. Hoch. (DE))

Presenter: ZHANG, Zhaoru (Peking University (CN))

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