

Planck 2018 From the Planck Scale to the Electroweak Scale

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Order-4 CP symmetry: flavor, dark matter, and beyond

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I will describe recent results on phenomenological consequences of imposing an exotic CP-symmetry of order 4 in multi-Higgs models. Despite minimality of the assumptions, such models have well shaped scalar and flavor sectors and lead to rich phenomenology to be tested in experiments and astroparticle observations.

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