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The Relaxion: Updated status

Tuesday 18 July 2023 12:30 (30 minutes)

Cosmological relaxation of the electroweak scale via Higgs-axion interplay, named as relaxion mechanism, provides a dynamical solution to the Higgs mass hierarchy. I will review the status of the proposal and will show that the relaxion can naturally explain the observed dark matter density in the universe.

Author: SERVANT, Geraldine (Deutsches Elektronen-Synchrotron (DE))

Presenter: SERVANT, Geraldine (Deutsches Elektronen-Synchrotron (DE))

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